



**canplas<sup>MD</sup>**

ABS / PVC DWV • Specialty Plumbing • Sewer • Grease Interceptors

## Plumbing Catalog

US\_CAT2008

[www.canplasplumbing.com](http://www.canplasplumbing.com)

2008

# PRODUCT LINES



## ABS Drain, Waste & Vent Fittings

For strength, durability and quality, Canplas ABS DWV fittings are second to none. Our complete product line ensures the economic and time critical benefits of single source and supply.



## PVC Drain, Waste & Vent Fittings

We provide a wide range of small and large diameter DWV fittings for the residential and commercial construction market.



## PVC Solvent Weld Sewer Fittings

Canplas manufactures a wide range of standard sewer and drain fittings in tough and durable PVC (white) plastic. A quality product at a competitive price.



## ABS & PVC Specialty DWV Products

Canplas Specialty fittings are engineered for reliability, strength and durability. These products are designed to make the job easier while saving time and money.



## Endura® Grease Management

Endura® Grease Interceptors are just the beginning of Canplas® grease management solutions. This line continues to develop rapidly offering professional plumbing solutions for the commercial and institutional installer.



## Engineered Drains

A complete line of high quality, engineered drainage products designed to utilize the benefits of plastic; lightweight, durable and corrosion resistant.



## Surface Drainage

A complete line of high quality, surface drainage products designed to utilize the benefits of plastic; lightweight, durable and corrosion resistant.



**canplas®**

# TABLE OF CONTENTS

## 1.0 ABS DWV FITTINGS

1.1	ADAPTERS	8
1.2	ADAPTER BUSHINGS	8
1.3	ADAPTER COUPLINGS	8
1.4	BUSHINGS	8
1.5	CAST IRON ADAPTERS	11
1.6	CLEANOUTS	11
1.7	CLOSET BENDS	11
1.8	CLOSET FLANGES, ADJUSTABLE	12
1.9	CLOSET FLANGES, OFFSET	12
1.10	CLOSET FLANGES, ONE-PIECE PLASTIC	13
1.11	CLOSET FLANGES, REDUCING	13
1.12	COUPLINGS	14
1.13	DOUBLE FIXTURE FITTINGS	14
1.14	DRUM TRAPS	14
1.15	ELBOW/BENDS	14
1.16	EXPANSION JOINTS	16
1.17	GRATES	16
1.18	NIPPLES	17
1.19	P TRAPS	17
1.20	PLUGS	19
1.21	CAPS	19
1.22	POLYETHYLENE CAPS	19
1.23	SIDE VENT BAFFLE TEE	19
1.24	SLIP JOINT NUTS	20
1.25	SLIP JOINT WASHERS	20
1.26	TEES	20
1.27	TEST PLATES	22
1.28	TRAP ADAPTERS	22
1.29	WYES	23

## 2.0 PVC DWV FITTINGS

2.1	ADAPTERS	26
2.2	ADAPTER COUPLINGS	26
2.3	BUSHINGS	26
2.4	CAPS	26
2.5	CAST IRON ADAPTERS	26
2.6	CLEANOUTS	26
2.7	CLOSET FLANGES, ADJUSTABLE	29
2.8	CLOSET FLANGES, ONE-PIECE PLASTIC	29
2.9	COUPLINGS	29
2.10	ELBOWS/BENDS	29
2.11	EXPANSION JOINTS	30
2.12	GRATES	30
2.13	P TRAPS	30
2.14	PLUGS	32
2.15	TEES	32
2.16	WYES	32
2.17	TEST PLATE	32

## 3.0 PVC SEWER FITTINGS

3.1	ADAPTERS	34
3.2	BUSHINGS	34
3.3	CAPS	35
3.4	CAST IRON ADAPTERS	35
3.5	CLEANOUTS	35
3.6	CLOSET FLANGES, ONE-PIECE PLASTIC	35
3.7	COUPLINGS	35
3.8	CROSSES	35
3.9	DOWNSPOUT ADAPTERS	36
3.10	ELBOWS/BENDS	36

3.11	GRATES	37
3.12	P TRAPS	37
3.13	PLUGS	37
3.14	SADDLE FITTINGS (TEES & WYES)	37
3.15	TEES	37
3.16	WYES	38

## 4.0 SPECIALTY ABS & PVC DWV PRODUCTS

4.1	ACCESS PANELS	40
4.2	ADAPTERS	40
4.3	BACKWATER VALVES AND ACCESSORIES	40
4.4	BACKWATER VALVES AND COMPONENTS	43
4.5	AIR ADMITTANCE VALVES	45
4.6	BELL TRAP DRAINS	45
4.7	CLOSET FLANGES	45
4.8	ROOF FLASHINGS	50
4.9	GENERAL PURPOSE UTILITY DRAINS	51
4.10	HANGER STRAPS	51
4.11	P.O. PLUGS	51
4.12	SHOWER DRAINS	52
4.13	URINAL FLANGES	55
4.14	UTILITY DRAINS, CLEANOUTS & DRAIN GRATES	55
4.15	CAST COVERALL DRAINS & CLEANOUTS	55
4.16	CLEANOUT PLUGS	58
4.17	OUTLET BOXES	58
4.18	WASTE & OVERFLOWS	59
4.19	WATER HEATER PANS	62
4.20	MISCELLANEOUS SPECIALTY DWV	65

## 5.0 ENDURA® GREASE MANAGEMENT

5.1	ENDURA® INTERCEPTORS AND ACCESSORIES	70
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## 6.0 ENGINEERED DRAINS

6.1	FLOOR DRAINS	80
6.2	FLOOR SINKS	80
6.3	ROOF DRAINS	84

## 7.0 SURFACE DRAINAGE

7.1	4" MODULAR CHANNELS	87
7.2	5" MODULAR CHANNELS	87
7.3	8" MODULAR CHANNELS	87
7.4	RECTANGULAR VALVE BOXES AND LIDS	88
7.5	ROUND VALVE BOXES AND LIDS	89
7.6	CATCH BASINS, GRATES AND ACCESSORIES	89

# SOLVENT **CEMENT** JOINING

ABS, CPVC, and PVC plastic pipes are primarily joined by solvent cementing, but mechanical joints are also available. PE, and PEX pipe cannot be joined with solvent cements.

Solvent cement joining always involves a pipe or tube end and fitting socket or pipe bell. The inside of the socket is slightly tapered, from a diameter slightly larger than the pipe OD at the entry, to a dimension at the root of the socket that is a few thousandths of an inch smaller than the pipe OD. Thus, the pipe-to-socket match-up results in an interference fit more-or-less midway in the socket.

Solvent cement is applied to the outside of the pipe end and the inside of the socket. The pipe is then pushed into the socket until it bottoms. Some codes require a primer to be applied before the solvent cement.

Pipe and fittings are bonded together by means of chemical fusion. Solvents contained in primer and cement soften and dissolve the surfaces to be joined. Once the pipe and fitting are assembled, a chemical weld occurs. This weld strengthens over time as the solvents evaporate.



## **SAFE HANDLING PROCEDURES**

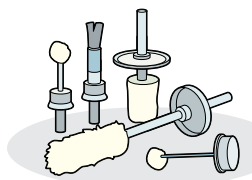
Cements, primers, and cleaners contain solvents that are classified as combustible, flammable, or extremely flammable. Keep these products well away from all sources of ignition, such as sparks, heat, and open flames. Containers holding these products must be kept tightly closed, except when in use. Threshold limits for worker exposure during an eight-hour work day have been established for each of the solvents used in these products. Those limits are found on the Material Safety Data Sheets of each product. It is very important to maintain the air concentration of these solvents below these limits. When using these products in an area of limited ventilation, a ventilating device such as a fan or air mover can be used to maintain a safe air concentration. Also, an air-purifying NIOSH-recognized respirator may be used. Any ventilating device must be selected and located so it cannot provide a source of ignition. The solvents in these products should not come into contact with bare skin. Use of the applicators provided to apply the products can minimize skin contact. However, if skin contact cannot be avoided, protective gloves should be worn. The solvents in these products will cause severe irritation if they come into contact with the eyes. Proper eye protection must be worn whenever there is any possibility that such contact may occur.

These cements must not be ingested. Do not eat or drink when using cements, primers, or cleaners.

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# SOLVENT CEMENTING WITH A PRIMER

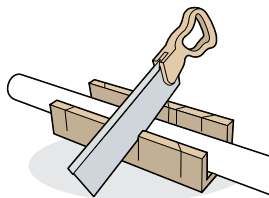


## Step 1.

Assemble proper materials for job (proper cement, primer, and applicator for the size of piping system to be assembled).

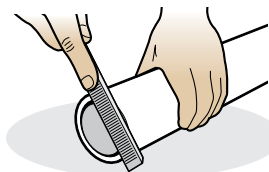
## Step 2.

Pipe must be cut as square as possible. Use a hand saw and miter box or mechanical saw. (A diagonal cut reduces bonding area in the most effective part of the joint).



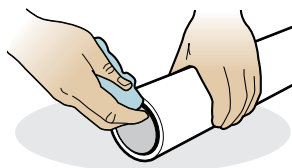
## Step 3.

Plastic tubing cutters may also be used for cutting plastic pipe; however, some produce a raised bead at the end of the pipe. This bead must be removed with a file or reamer, as it will wipe the cement away when pipe is inserted into the fitting.



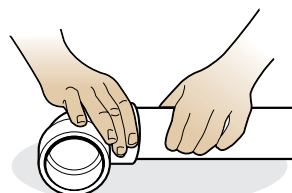
## Step 4.

Remove all burrs from both the inside and outside of the pipe with a knife, file or reamer. Burrs can scrape channels into pre-softened surfaces or create hang-ups inside surface walls.



## Step 5.

Remove dirt, grease and moisture. A thorough wipe with a clean dry rag is usually sufficient. (Moisture will retard cure, and dirt or grease can prevent bonding).



## Step 6.

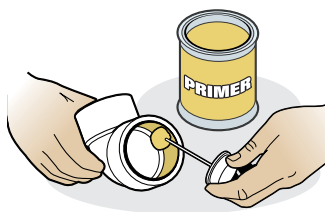
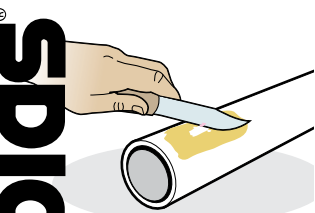
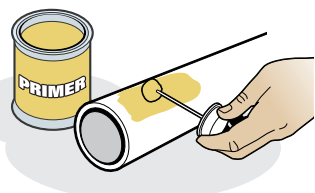
Check pipe and fittings for dry fit before cementing. For proper interference fit, the pipe must go easily into the fitting 1/4 to 3/4 of the way. Too tight a fit is not desirable. You must be able to fully bottom the pipe in the socket during assembly. If the pipe and fittings are not out of round, a satisfactory joint can be made if there is a "net" fit, that is, the pipe bottoms in the fitting socket with no interference, and without slop. All pipe and fittings must conform to ASTM or other recognized standards.

## Step 7.

Use the right applicator for the size of pipe or fittings being joined. The applicator size should be equal to 1/2 the pipe diameter. It is important that a satisfactory size applicator be used to help ensure that sufficient layers of cement are applied.

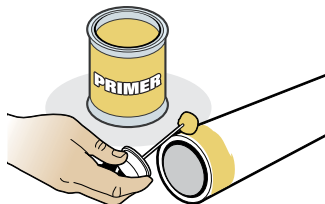
## Step 8.

Priming: the purpose of a primer is to penetrate and soften the surfaces so they can fuse together. The proper use of a primer and checking its softening effect provides assurance that the surfaces are prepared for fusion in a wide variety of conditions. Check the penetration or softening on a piece of scrap before you start the installation or if the weather changes during the day. Using a knife or other sharp object, drag the edge over the coated surface. Proper penetration has been made if you can scratch or scrape a few thousandths of the primed surfaces away. Because weather conditions do affect priming and cementing action, repeated applications to either or both surfaces may be necessary. In cold weather more time is required for proper penetration.



## Step 9.

Using the correct applicator (as outlined in step #7), aggressively work the primer into fitting socket, keeping the surface and applicator wet until the surface has been softened. More applications may be needed for hard surfaces and cold weather conditions. Re-dip the applicator in primer as required. When the surface is primed, remove any puddles of primer from socket.

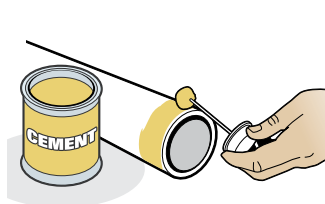


## Step 10.

Next aggressively work the primer on to the end of the pipe, to a point 1/2" beyond the depth of the fitting socket.

## Step 11.

A second application of the primer in the socket is recommended.

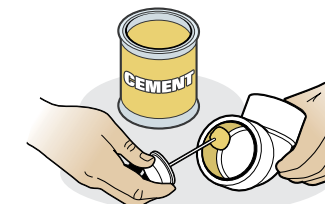


## Step 12.

Immediately, and while the surfaces are still wet, apply the appropriate solvent cement.

## Step 13.

Cementing: (Stir the cement or shake can before using). Using the proper size applicator for the pipe size, aggressively work a full even layer of cement onto the pipe end equal to the depth of the fitting socket. Do not brush it out to a thin paint type layer, as this will dry within a few seconds.

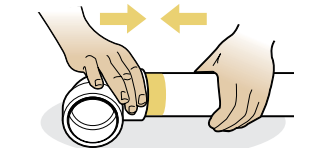


## Step 14.

Aggressively work a medium layer of cement into the fitting socket; avoid puddling cement in the socket. On bell end pipe do not coat beyond the socket depth or allow cement to run down into the pipe beyond the bell.

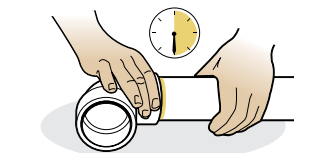
## Step 15.

Apply a second full, even layer of cement on the pipe.



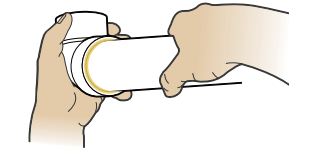
## Step 16.

Without delay, while cement is still wet, assemble the pipe and fittings. Use sufficient force to ensure that the pipe bottoms in the fitting socket. If possible, twist the pipe a 1/4 turn as you insert it.



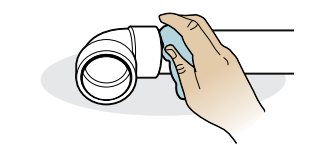
## Step 17.

Hold the pipe and fitting together for approximately 30 seconds to avoid push out.



## Step 18.

After assembly, a joint should have a ring or bead of cement completely around the juncture of the pipe and fitting. If voids in this ring are present, sufficient cement was not applied and the joint may be unsuccessful.



## Step 19.

Using a rag, remove the excess cement from the pipe and fitting, including the ring or bead, as it will needlessly soften the pipe and fitting and does not add to joint strength. Avoid disturbing or moving joint.

## Step 20.

Handle newly assembled joints carefully until initial set has taken place. Follow set and cure times before handling or testing piping system.

# STANDARDS & MATERIALS

## PLASTIC PIPING STANDARDS



### ASTM STANDARDS

#### D 1784

Covers PVC compounds used in making plastic valves, pipes and fittings. It identifies compounds on the basis of chemical and physical criteria for material classification.

#### D 2665 AND D3311

Covers the test requirements for PVC-DWV fittings. These fittings are joined or threaded by solvent cement.

#### D 3965

Covers ABS materials used in the making of pipes and fittings. Identifies the material properties of ABS compositions based on temperature under load, impact strength and tensile stress at yield point. These identify the materials that make up the thermoplastic material.

#### D 2661 AND D3311

Covers the construction and materials for ABS-DWV drain, waste and vent pipe and fittings. These fittings are joined or threaded by solvent cement.

#### S1498

Covers tolerance, dimensions and gaging of the pipe threads on plastic pipes and fittings.

### ASME B1.20.1 (American Society of Mechanical Engineers)

Covers tolerance, dimensions and gaging of the pipe threads on metallic pipes and fittings as well as plastic threaded ends.

### ANSI/NSF (National Sanitation Foundation) STANDARD 14

Requires all water plastics and plumbing system components to comply with health effects requirements. Establishes the minimum physical and performance requirements for plastic piping system. It requires ASTM Standards and allows testing by a third party agency.



### CSA (Canadian Standards Association)

Product assurance tested for Canadian standards and the product to be sold in Canada. Products must meet criteria in strength, durability, and compatibility with potable water.



### IAPMO (International Association of Plumbing and Mechanical Officials)

Products are tested by a third party and if standards are met they are listed and given a Uniform Plumbing Code (UPC).



### THERMOPLASTIC PIPING MATERIALS

ASTM Test Methods	Properties	ABS 3-2-2-2-2	PVC 12454
General D 792	Specific Gravity	1.04	1.38
D 570	Water Absorption % 24 Hrs. at 73° F	0.3	0.05
Mechanical D 638	Tensile Strength psi at 73°	4,900	7,940
D638	Modulus of Elasticity in Tension psi at 73° x 10	3.0	4.2
D 790	Flexural Strength psi	10,000	14,500
D 256	Izod Impact Strength at 73° F (Notched)	6.0	0.65
Thermal D696	Coefficient of Thermal Expansion in/in/°F x 10	5.0	3.0
C 177	Thermal Conductivity BTU/HR/Sq. Ft./°F/in	1.35	1.2
D 648	Heat Distortion Temp °F at 66 psi	219	165
D 648	Heat Distortion Temp °F at 264 psi	208	160
	Resistance to Heat (°F) at Continuous Drainage	180	140
Flammability D 2863	Limiting Oxygen Index (%)	19	43
E 84	Flame Spread	150-250	15-20
	Underwriter's Lab Rating (Sub. 94)	94HB	94V-0

## PLASTIC MATERIALS DEFINED

### ABS

Acrylonitrile butadiene styrene is a common thermoplastic used to make durable, injected molded products. ABS is considered superior for its hardness, gloss, toughness and electrical insulation properties.

### PVC

Polyvinyl chloride is prepared from the organic compound vinyl chloride. PVC is a common plastic used in the manufacture of many building products. Chlorine atoms bonded to the carbon backbone of its molecules gives PVC its hard and flame-resistant properties. Many PVC plastic products are manufactured by injection molding and extrusion.

### Polyethylene

Polyethylene is made in low and high density forms. High density polyethylene (HDPE) is stiffer, stronger and less translucent than low-density polyethylene. HDPE is formed into grocery bags, car fuel tanks, packaging, and piping.

### Polypropylene

Polypropylene is polymerized from the organic compound propylene. This thermoplastic has properties of high durability and chemical resistance.

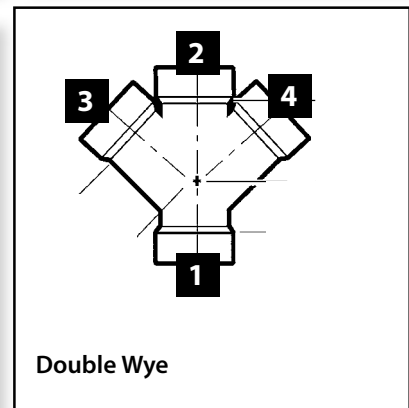
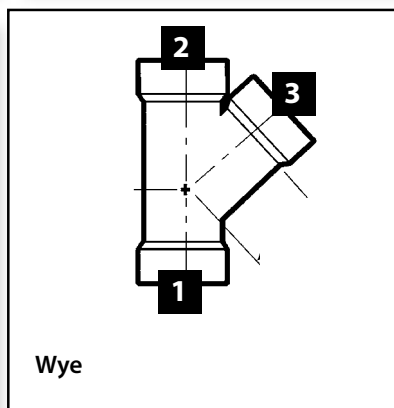
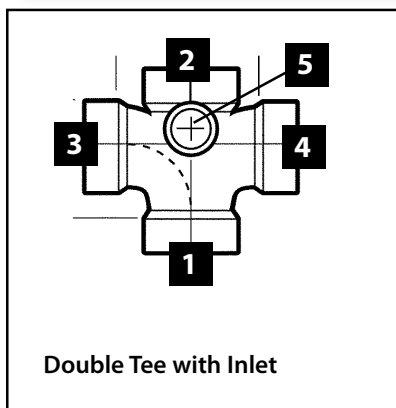
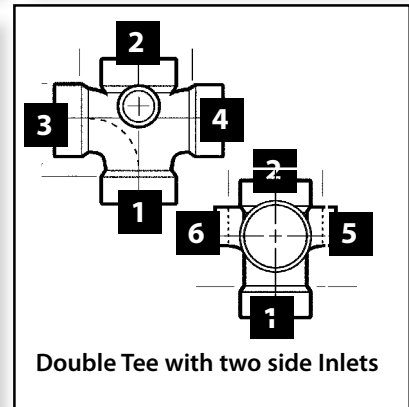
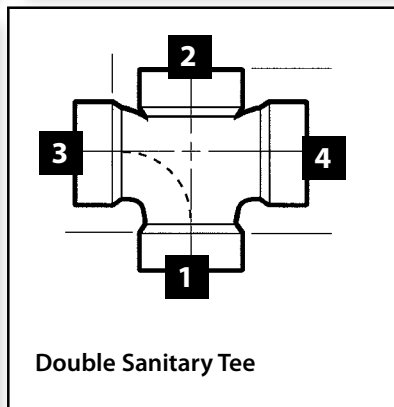
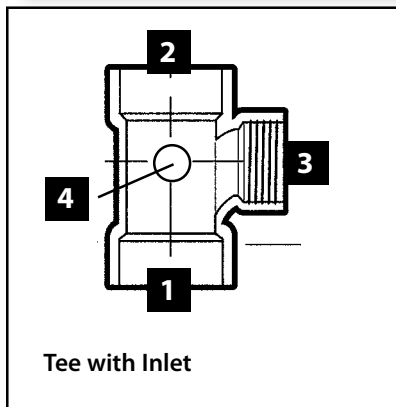
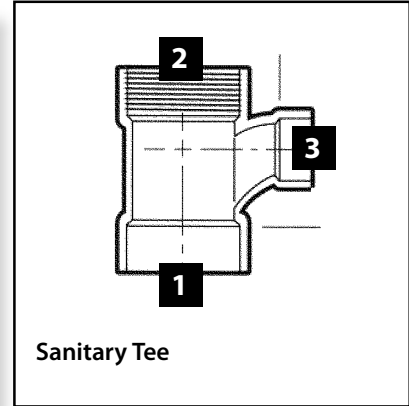
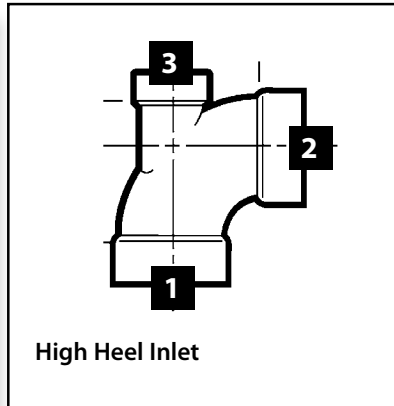
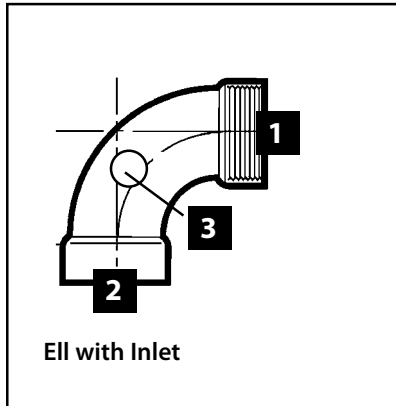
### EPDM (EPT)

Ethylene propylene diene monomer rubber, usually black in color has excellent resistance to ozone, weather, heat, abrasion and compression. It resists attack by some acids and polar solvents. EPDM material is often used in products requiring high elasticity and insulating properties.

canplas<sup>®</sup>

# STANDARDS & MATERIALS

## COMMON FITTING AND INLET DESIGNATIONS



### Notes:

- For reducing fittings: largest opening is named first (exception: double branch elbows where outlet is specified last).
- In specifying reducing fitting openings, follow the numbered outlet sequence ( i.e. 1, 2, 3...) side outlets are specified last.

# 1.0 **ABS** DWV FITTINGS



## **canplas®** **ABS DWV FITTINGS**



ABS DWV fittings benefit from high-impact resistance, good chemical resistance, weatherability and performance under extreme environmental conditions (-40 C).

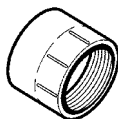
# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.1 ADAPTERS

### FEMALE ADAPTER

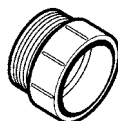
H x FPT



1-1/2"	102891	7200	100	0.115	10662671101867
2"	102892	5400	75	0.112	10662671101881
3"	102893	1440	30	0.366	10662671101904
4"	102894	800	25	0.573	10662671101928
6"	102896	-	8	1.404	10662671101942

### MALE ADAPTER

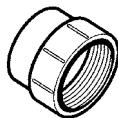
MPT x H



1-1/4"	102870	9000	125	0.053	10662671101775
1-1/2"	102860	-	-	0.062	10662671108255
1-1/2" x 1-1/4"	102871	9000	125	0.062	10662671101782
2"	102872	5760	80	0.079	10662671101805
3"	102873	2160	30	0.298	10662671101812
4"	102874	1080	15	0.454	10662671101836
6"	102876	240	5	1.155	10662671109160

### FITTING CLEANOUT ADAPTER

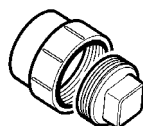
SPG x FPT



1-1/2"	103701S	7200	100	0.062	10662671107401
2"	103702S	5760	40	0.093	10662671107425
3"	103703S	1680	35	0.282	10662671106718
4"	103704S	720	10	0.448	10662671106732
6"	103706S	320	10	1.093	10662671108026

### FITTING CLEANOUT ADAPTER WITH PLUG

SPG x FPT



1-1/2"	103701AS	7200	100	0.139	10662671107418
2"	103702AS	5760	40	0.172	10662671107272
3"	103703AS	1680	35	0.529	10662671106725
4"	103704AS	720	10	0.772	10662671106749
6"	103706AS	240	5	1.742	10662671108019

### COPPER TO DWV PIPE ADAPTER

H x SLIP



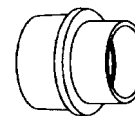
1-1/4"	102862A	7200	100	0.101	10662671101720
1-1/2"	102861A	5760	80	0.115	10662671101706
1-1/2" x 1-1/4"	102864A	5760	80	0.112	10662671101744
2"	102865A	3600	50	0.121	10662671101768
1-1/2" x 2"	102866A	4320	60	0.152	10662671109108

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.1 ADAPTERS CONTINUED..

### REDUCING ADAPTER

SEWER TO DWV



4" x 3"	103433	-	40	0.22	10662671109405
4" x 4"	103434	-	25	0.441	10662671109412

## 1.2 ADAPTER BUSHINGS

### ADAPTER BUSHING

ADAPTS DWV HUB TO SEWER  
& DRAIN SPIGOT, SPG x H



3"	102841	3600	50	0.084	10662671101621
4"	102842	1600	50	0.141	10662671101645
6"	102846	450	25	0.529	10662671103410

### ADAPTER BUSHING

ADAPTS SEWER & DRAIN HUB  
TO DWV SPIGOT, DFSPG x DWV HUB

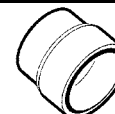


4" DF x 3"	102764	2160	30	0.317	10662671101546
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## 1.3 ADAPTER COUPLINGS

### ADAPTER COUPLING

ADAPTS SEWER & DRAIN  
SPIGOT TO DWV SPIGOT, H x H

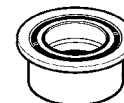


4" x 3"	103036	1200	25	0.353	10662671102161
6" x 4"	103035	360	20	1.314	10662671109320

## 1.4 BUSHINGS

### FLUSH BUSHING

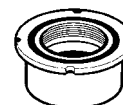
SPG x H



1-1/2" x 1-1/4"	102750	21600	150	0.024	10662671101386
2" x 1-1/2"	102752	10800	150	0.049	10662671101416
3" x 1-1/2"	102762	2520	35	0.315	10662671101522
3" x 2"	102754	2880	60	0.282	10662671101447
4" x 2"	102758	1440	20	0.428	10662671101485
4" x 3"	102756	1680	35	0.516	10662671101461
6" x 4"	102767	384	8	1.415	10662671101560
6" x 3"	102766	432	24	1.528	10662671108866

### FLUSH BUSHING

SPG x FPT



1-1/2" x 1/2"	102747*	17280	120	0.075	10662671101355
1-1/2" x 3/4"	102749*	14400	100	0.077	10662671101379
1-1/2" x 1-1/4"	102751	14400	100	0.04	10662671101409
2" x 1-1/2"	102753	9000	125	0.088	10662671101430
3" x 2"	102755	2880	40	0.265	10662671107180

\*Can be used for either dishwasher or condensate connections when combined with thread x barb nipple

ABS DWV FITTINGS

canplas®



# 1.0 **ABS** DWV FITTINGS

## canplas®

### ***Copper Pipe Adapters***

#### **Material**

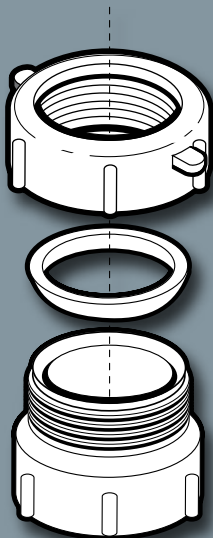
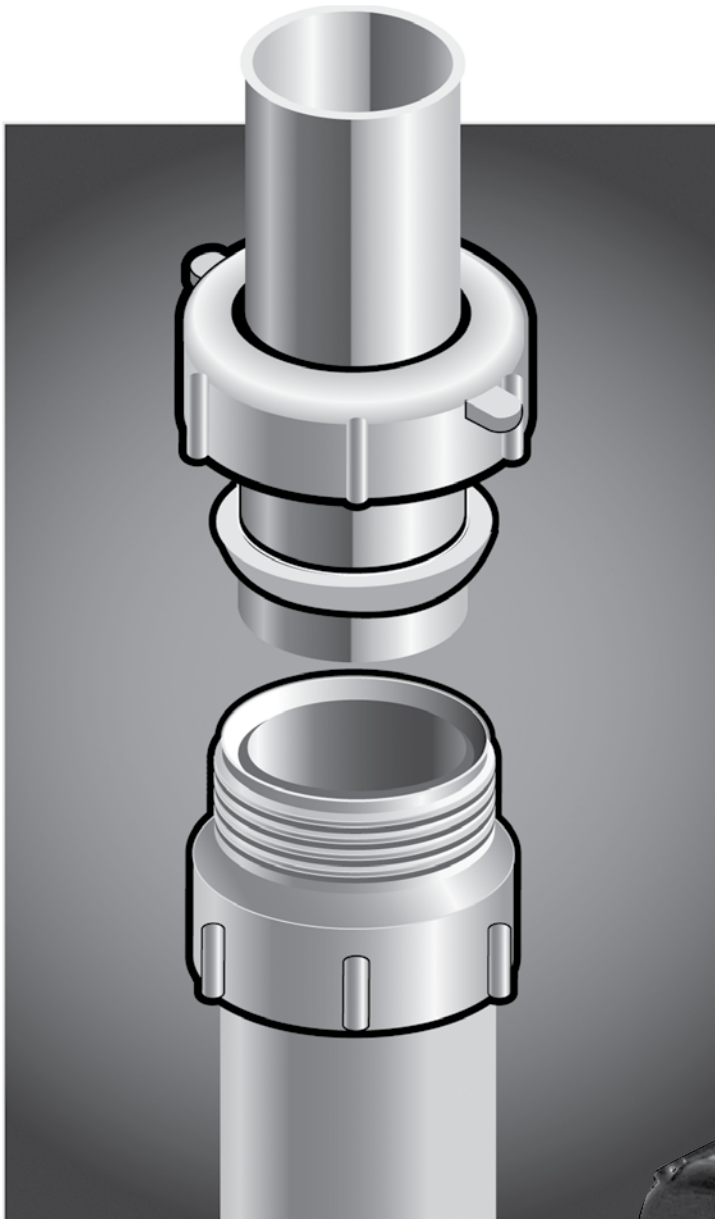
- Injection molded in ABS (Black).

#### **Function**

- Adapts copper DWV to plastic DWV pipe size (Schedule 40).

#### **Features**

- Hub x slip joint.
- No soldering required.
- Cost-effective.



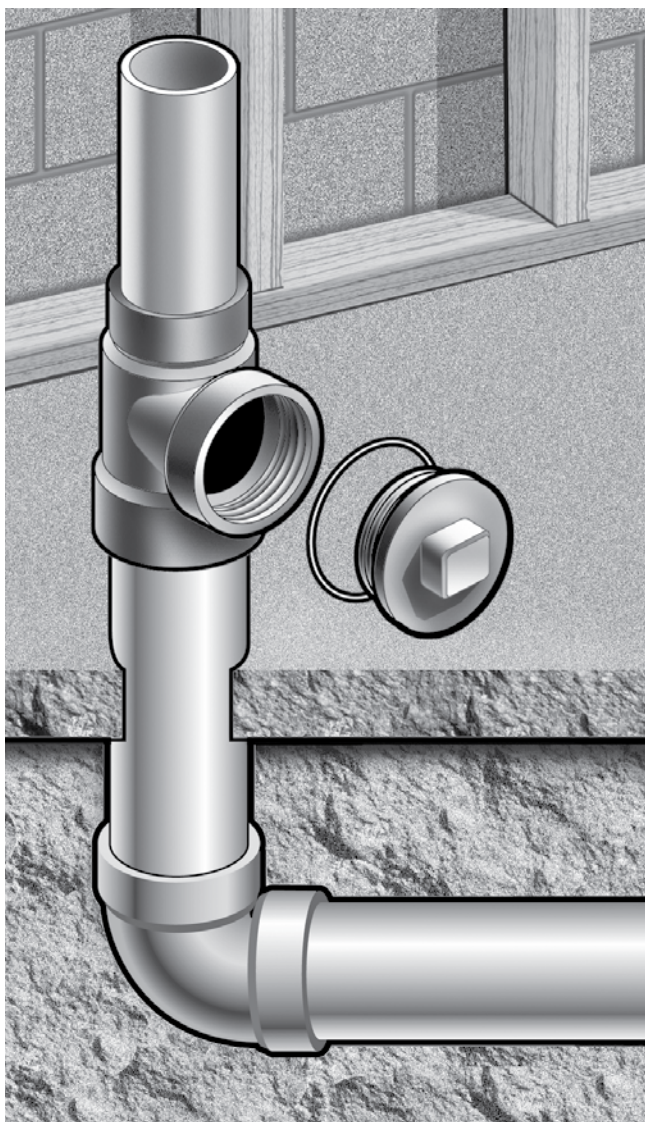
**Approvals:**  
CSA certified  
IAPMO listed  
(as marked)



PART #	MATERIAL	SIZE	CARTON QTY.
102862A	ABS (Black)	1-1/4"	100
102861A	ABS (Black)	1-1/2"	80
102864A	ABS (Black)	1-1/2" x 1-1/4"	80
102865A	ABS (Black)	2"	50
102866A	ABS (Black)	1-1/2" x 2"	60

**canplas®** ABS DWV FITTINGS

# 1.0 **ABS** DWV FITTINGS



## canplas®

### **4" x 3"** **PermOseal®** **line cleanout**

#### **Material**

- Injection molded in ABS (Black).

#### **Features**

- Replaces a 4" x 4" line cleanout and a 4" x 3" bushing.
- Saves time and money.
- Comes complete with plug and O-ring for a tight seal.

#### **Approvals:**

- CSA certified • IAPMO listed (as marked)

PART #	MATERIAL	SIZE	CARTON QTY.
102107A	ABS (Black)	4" x 3" x 4"	15



**New! PermOseal® 4" x 3"**  
**Reducing Line Cleanout**  
**with Test Membrane**

**Innovative**  
**test membrane**

from Canplas® enables  
mess-free removal of  
the test membrane  
after a water test.



**Refer to page 66**  
**for more information!**

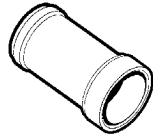
# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.5 CAST IRON ADAPTERS

### HUB ADAPTER, CAST IRON

ADAPTS DWV SPIGOT TO CAST IRON HUB



2"	103452	2160	30	0.231	10662671102635
3"	103453	960	30	0.558	10662671102642
4"	103454	480	15	0.842	10662671102659
1-1/2" x 2" CI	103468	2880	60	0.205	10662671102673
3" x 4" CI	103464	480	10	0.75	10662671102666
6"	103456	216	12	1.477	10662671109009

### NO HUB ADAPTER, CAST IRON

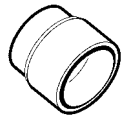
ADAPTS NO HUB ELASTOMER  
COUPLING TO DWV SPIGOT



1-1/2"	103420	7200	100	0.075	10662671108859
2" x 1-1/2"	103421	7920	110	0.093	10662671102598
2"	103422	3600	50	0.128	10662671102604
3"	103423	2160	30	0.3	10662671102611
4"	103424	1080	15	0.459	10662671102628
4" x 3"	103428	1080	15	0.392	10662671103427
6"	103426	256	8	1.082	10662671108989

### SPIGOT ADAPTER, CAST IRON

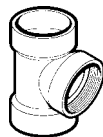
ADAPTS CAST IRON SPIGOT  
TO DWV SPIGOT



4"	103304	480	15	0.825	10662671107173
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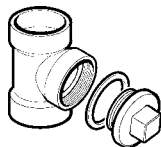
## 1.6 CLEANOUTS

### CLEANOUT TEE, H x H x FPT



1-1/2"	102114S	2520	35	0.19	10662671107838
2"	102115S	1440	30	0.3	10662671107494
3"	102116S	576	18	0.75	10662671106633
4"	102117S	270	15	1.402	10662671106657

### CLEANOUT TEE WITH PLUG, H x H x FPT



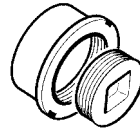
1-1/2"	102114AS	2160	30	0.243	10662671107562
2"	102115AS	1440	20	0.333	10662671106602
3"	102116AS	480	15	0.899	10662671106626
4"	102117AS	270	15	1.653	10662671106664
6"	102118A	72	4	4.209	10662671103526

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.6 CLEANOUTS CONTINUED..

### "SNAP IN" CLEANOUT WITH COUNTERSUNK PLUG (FLUSH FIT)

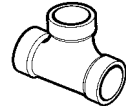
SPG



3"	104746	3600	25	0.181	10662671107432
4"	104747	1440	10	0.181	10662671107357

### TWO-WAY CLEANOUT FITTING

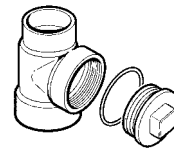
H x H x H



3"	103723	270	15	1.444	10662671107609
4"	103724	144	8	2.489	10662671107289

### 4" X 3" PERMOSEAL® LINE CLEANOUT

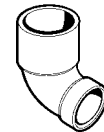
H x H WITH GASKET ON PLUG



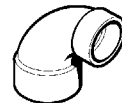
4" x 3" x 4"	102107A	270	15	1.587	10662671100013
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## 1.7 CLOSET BENDS

### CLOSET BEND, REDUCING



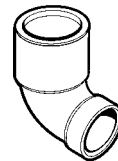
SPG x H 4" x 3"	103103	360	20	1.157	10662671102338
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H x H 4" x 3"	102223	360	20	0.992	10662671100426
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### CLOSET BEND, REDUCING WITH TEST CAP

SPG x H



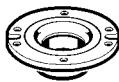
4" x 3"	103103A	320	10	1.129	10662671107807
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# 1.0 ABS DWV FITTINGS

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 1.8 CLOSET FLANGES, ADJUSTABLE

### HUB END WITH ADJUSTABLE PLASTIC RING



4"	103611	800	25	0.474	10662671106442
4" x 3"	103614	800	25	0.551	10662671106473

### HUB END WITH ADJUSTABLE METAL RING



4"	103611M	960	30	0.694	10662671106527
4" x 3"	103614M	800	25	0.772	10662671106558

### HUB END WITH ADJUSTABLE STAINLESS STEEL RING



4"	103611SS	960	30	0.694	10662671109115
4" x 3"	103614SS	800	25	0.772	10662671109122

### HUB END, FLUSH FIT WITH ADJUSTABLE PLASTIC RING



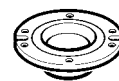
4" x 3"	103627	800	25	0.507	10662671108835
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### HUB END, FLUSH FIT WITH ADJUSTABLE PLASTIC RING, WITH MOLDED TEST PLATE



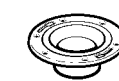
4" x 3"	103627T	800	25	0.573	10662671108842
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### SPIGOT END WITH ADJUSTABLE PLASTIC RING



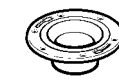
4"	103612	960	30	0.511	10662671106459
4" x 3"	103616	800	25	0.511	10662671106565

### SPIGOT END WITH ADJUSTABLE STAINLESS STEEL RING



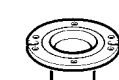
4"	103612SS	960	30	0.739	10662671109658
4" x 3"	103616SS	800	25	0.739	10662671109139

### SPIGOT END WITH ADJUSTABLE METAL RING



4"	103612M	960	30	0.739	10662671106534
4" x 3"	103616M	800	25	0.739	10662671106480

### EXTENDED SPIGOT WITH ADJUSTABLE PLASTIC RING



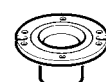
- WITH 4" EXTENDED SPIGOT					
4"	103613	450	25	0.772	10662671106466

- WITH 3-1/2 EXTENDED SPIGOT					
4" x 3"	103617	450	25	0.688	10662671106572

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 1.8 CLOSET FLANGES, ADJUSTABLE

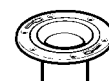
### EXTENDED SPIGOT WITH ADJUSTABLE STAINLESS STEEL RING



- WITH 4" EXTENDED SPIGOT					
4"	103613SS	450	25	1.014	10662671109665

- WITH 3-1/2 EXTENDED SPIGOT					
4" x 3"	103617SS	450	25	1.014	10662671109672

### EXTENDED SPIGOT WITH ADJUSTABLE METAL RING



- WITH 4" EXTENDED SPIGOT					
4"	103613M	450	25	1.014	10662671106541

- WITH 3-1/2 EXTENDED SPIGOT					
4" x 3"	103617M	450	25	0.911	10662671106497

### ADJUSTABLE CLOSET FLANGE FOR 3" PIPE ID



4" x 3"	103630	-	25	0.606	10662671108798
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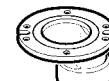
### WITH EASY OPEN LID ABS



3" x 4"	113631ALEO	-	10	0.798	10662671117035
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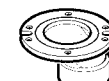
## 1.9 CLOSET FLANGES, OFFSET

### WITH ADJUSTABLE PLASTIC RING, HUB



4" x 3"	103644	480	15	0.745	10662671102802
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### WITH MOLDED TEST PLATE



4" x 3"	103644T	480	15	0.789	10662671109221
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### WITH ADJUSTABLE METAL RING, HUB



4" x 3"	103639M	600	25	0.968	10662671107623
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### WITH ADJUSTABLE STAINLESS STEEL RING, HUB



4" x 3"	103639SS	480	15	0.968	10662671109191
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ABS DWV FITTINGS

canplas®

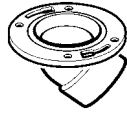


# 1.0 ABS DWV FITTINGS

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 1.9 CLOSET FLANGES, OFFSET CONTINUED..

### 45° DISCHARGE CLOSET FLANGE, HUB

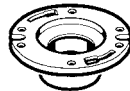


4" x 3"	113628*	640	20	0.668	10662671103311
4" x 3"	113628M**	640	20	0.772	10662671108743
4" x 3"	113628SS†	640	20	0.772	10662671119152
4" x 3"	113635*	384	12	0.833	10662671119053
4" x 3"	113635M**	384	12	1.056	10662671119060
4" x 3"	113635SS†	384	12	1.056	10662671119176

\* with plastic ring \*\* with metal ring † with stainless steel ring

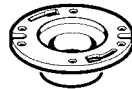
## 1.10 CLOSET FLANGES, ONE-PIECE PLASTIC

### HUB



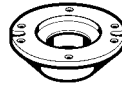
4" x 3"	103633	800	25	0.569	10662671106671
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### SPIGOT



4" x 3"	103633-1	800	25	0.511	10662671107784
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### HUB END



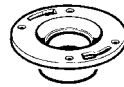
4"	103604**	800	25	0.489	10662671102680
4" x 3"	103634S	800	25	0.595	10662671108569

### WITH MOLDED TEST PLATE



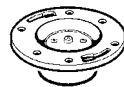
4" x 3"	103632	800	25	0.613	10662671107777
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### HUB - FLUSH FIT



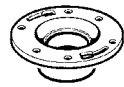
4"	103603	800	25	0.494	10662671107760
4" x 3"	103631*	800	25	0.52	10662671102727

### WITH MOLDED TEST PLATE



4" x 3"	103631T*	800	25	0.569	10662671102734
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### WITHOUT PIPE STOP



4" x 3"	103631X	800	25	0.494	10662671109306
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\* Fits over 3" or inside 4" Sch. 40 DWV Pipe.  
~Fits over 3" DWV or inside 4" SDR 35 Pipe

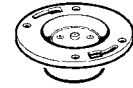
\*\* With gussets

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 1.10 CLOSET FLANGES, ONE-PIECE PLASTIC

### WITH MOLDED TEST PLATE

CONTINUED..



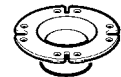
4" x 3"	103631SDR~	800	25	0.525	10662671109481
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\* Fits over 3" or inside 4" Sch. 40 DWV Pipe.  
~Fits over 3" DWV or inside 4" SDR 35 Pipe

\*\* With gussets

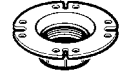
## 1.11 CLOSET FLANGES, REDUCING

### 2-1/2" OVERALL, SPG



4" x 3"	103634-7	800	25	0.52	10662671102789
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### 1-3/4" OVERALL, FPT



4" x 3"	103634-5	1280	40	0.467	10662671102772
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### 1-3/4" OVERALL, MPT



4" x 3"	103634-3	1200	25	0.414	10662671102758
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### 2-1/4" OVERALL, MPT



4" x 3"	103634-4	1200	25	0.474	10662671102765
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## WARNING

Canplas recommends sponge rubber and wax gaskets only for use with all closet flanges.



canplas® ABS DWV FITTINGS

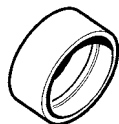


# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

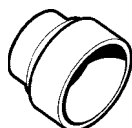
## 1.12 COUPLINGS

### COUPLING, H x H



1-1/4"	103000	9000	125	0.055	10662671101959
1-1/2"	103001	9000	125	0.06	10662671101966
2"	103002	4800	100	0.088	10662671101980
3"	103003	1440	45	0.348	10662671102000
4"	103004	800	25	0.571	10662671102024
6"	103006	216	12	1.592	10662671102048

### REDUCER COUPLING, H x H



2" x 1-1/2"	103022	5400	75	0.097	10662671102079
3" x 1-1/2"	103023	2520	35	0.293	10662671102093
3" x 2"	103024	2520	35	0.287	10662671102109
4" x 1-1/2"	103029	960	20	0.507	10662671102147
4" x 2"	103025	960	20	0.52	10662671102116
4" x 3"	103026	960	30	0.52	10662671102123
3" x 5"	103037	360	20	1.451	10662671109337

### REPAIR COUPLING (NO PIPE STOP), H x H



1-1/2"	103001R	8640	60	0.057	10662671108354
2"	103002R	5400	75	0.079	10662671107814
3"	103003R	1440	45	0.328	10662671108347
4"	103004R	810	45	0.556	10662671108361

## 1.13 DOUBLE FIXTURE FITTINGS

### DOUBLE FIXTURE FITTINGS, H x H x H x H



2"	104153	640	20	0.719	10662671106848
3"	104155	180	10	1.964	10662671107128
2" x 1-1/2" x 1-1/2" x 1-1/2"	104149	960	20	0.419	10662671106831
2" x 1-1/2" x 1-1/2" x 2"	104152-3*	960	20	0.421	10662671109542
2" x 1-1/2" x 2" x 2"	104152	640	20	0.648	10662671107333
3" x 2" x 3" x 3"	104154	180	10	1.874	10662671108033
2" x 2" x 1-1/2" x 1-1/2"	104151*	480	10	0.503	10662671108699

\* Fitting uses bushing.

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.13 DOUBLE FIXTURE FITTINGS

### DOUBLE FIXTURE FITTINGS, STREET, SPG x H x H x H

CONTINUED..



3"	105355	180	10	1.907	10662671108170
3" x 2" x 3" x 3"	105357	180	10	1.817	10662671109078

## 1.14 DRUM TRAPS

### DRUM TRAP, H x H



3" x 6" x 1-1/2"	103243A	288	4	1.221	10662671103458
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## 1.15 ELBOW BENDS

### 1/16 BEND (22-1/2°), H x H



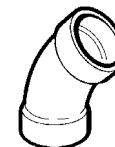
1-1/2"	102551	5400	75	0.097	10662671101256
2"	102552	2400	50	0.159	10662671101263
3"	102553	960	20	0.437	10662671101270
4"	102554	480	15	0.785	10662671101287
6"	102556	144	8	2.165	10662671101294

### 1/16 BEND, STREET (22-1/2°), SPG x H



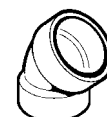
1-1/2"	102561	6480	90	0.097	10662671106893
2"	102562	3240	45	0.152	10662671106909
3"	102563	960	30	0.45	10662671107319
4"	102564	480	15	0.783	10662671107944

### 1/8 BEND, STREET (45°), H x H



1-1/2"	102501	4000	125	0.146	10662671101119
2"	102502	2160	45	0.231	10662671101126
3"	102503	640	20	0.666	10662671101133
4"	102504	320	10	1.133	10662671101140
6"	102506	144	8	2.478	10662671101157

### 1/8 BEND (45°), SHORT TURN, H x H



3"	102523	800	25	0.485	10662671101225
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ABS DWV FITTINGS

canplas®

# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

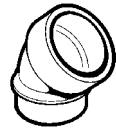
## 1.15 ELBOW BENDS CONTINUED..

### 1/8 BEND (45°), STREET, SPG x H



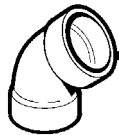
1-1/2"	102401	3600	50	0.132	10662671100914
2"	102402	2160	45	0.225	10662671100921
3"	102403	640	20	0.617	10662671100938
4"	102404	320	10	1.133	10662671100945
6"	102406	144	8	2.489	10662671100952

### 1/8 BEND (45°), STREET, SHORT TURN, SPG x H



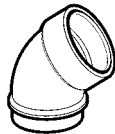
3"	102423	800	25	0.467	10662671100990
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### 1/6 BEND (60°), H x H



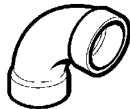
1-1/2"	102601	2880	60	0.137	10662671101317
2"	102602L	2160	30	0.231	10662671107265
3"	102603L	640	20	0.608	10662671106961
4"	102604	320	10	1.032	10662671101348

### 1/6 BEND (60°), STREET, SPG x H



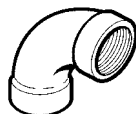
1-1/2"	102651L	-	50	0.132	10662671109368
2"	102652L	-	20	0.146	10662671109375
3"	102653L	720	10	0.611	10662671109283
4"	102654	240	5	1.03	10662671109290

### 1/4 BEND (90°), LONG TURN, H x H



1-1/2" x 2"	102221	2400	50	0.216	10662671109511
1-1/2"	102251L	3520	110	0.163	10662671100464
2"	102252L	1600	50	0.269	10662671103366
3"	102253L	480	15	0.754	10662671100501
4"	102254L	270	15	1.327	10662671100532
6"	102256	72	4	3.668	10662671100549

### 1/4 BEND (90°), H x FPT

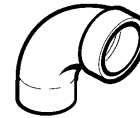


3"	102253-1	-	25	0.93	10662671108330
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SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

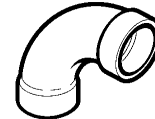
## 1.15 ELBOW BENDS CONTINUED..

### 1/4 BEND, STREET (90°), LONG TURN, SPG x H



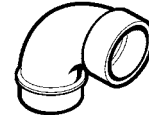
1-1/2"	102451L	3240	45	0.159	10662671106923
2"	102452L	1600	50	0.267	10662671106800
3"	102453L	480	15	0.736	10662671101072
4"	102454L	270	15	1.29	10662671101096
6"	102456	72	4	3.616	10662671103380

### LONG SWEEP 1/4 BEND (90°), H x H



1-1/2"	102276	2400	50	0.209	10662671100556
2"	102277	1440	45	0.3	10662671100563
3"	102278	480	15	0.904	10662671100570
4"	102279	216	12	1.66	10662671107159

### LONG SWEEP 1/4 BEND, STREET (90°), LONG TURN, SPG x H



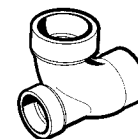
1-1/2"	105276	2160	30	0.223	10662671108774
2"	105277	1200	25	0.375	10662671108781
3"	105278	450	25	0.895	10662671108095
4"	105279	216	12	1.609	10662671109344

### 1/4 BEND, WITH LOW HEEL INLET, H x H x H



3" x 3" x 1-1/2"	102244	-	15	0.787	10662671107883
3" x 3" x 2"	102245	450	25	0.825	10662671106862
4" x 4" x 2"	102249	240	10	1.554	10662671107258

### 1/4 BEND, STREET WITH LOW HEEL INLET, H x H x SPG



3" x 3" x 2"	102248	480	15	0.966	10662671107371
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### 1/4 BEND (90°) WITH SIDE INLET, H x H x SPG



3" x 3" x 1-1/2"	102235	-	15	0.774	10662671107197
3" x 3" x 2"	102236	480	15	0.78	10662671108316

canplas® ABS DWV FITTINGS

# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.15 ELBOW BENDS CONTINUED..

### DOUBLE 1/4 BEND, H x H x H



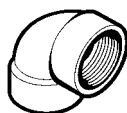
1-1/2"	102261	2240	70	0.227	10662671107890
2"	102262	-	30	0.357	10662671107906
3"	102263	320	10	1.118	10662671107913
2" x 1-1/2" x 1-1/2"	102265	-	50	0.289	10662671107920

### VENT ELL (90°), H x H



1-1/2"	102201	3600	50	0.132	10662671106503
2"	102202	2520	35	0.192	10662671106435
3"	102203	640	20	0.635	10662671106510
4"	102204	360	20	1.124	10662671108927

### VENT ELL (90°), H x FPT



3"	102203-1	-	-	0.701	10662671108224
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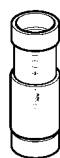
### 1/4 BEND, STREET (90°), SPG x H



1-1/2"	102451	4000	125	0.13	10662671101027
2"	102452	2400	50	0.181	10662671101041
3"	102453	640	20	0.591	10662671101058
4"	102454	360	20	1.102	10662671101089

## 1.16 EXPANSION JOINTS

### EXPANSION JOINT, H x H



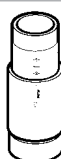
#### TYPE I - 3" TRAVEL

1-1/2"	103811A	1728	12	0.487	10662671102963
2"	103812A	1080	15	0.635	10662671102987
3"	103813A	480	15	1.365	10662671103007

#### TYPE II - 8" TRAVEL

4"	103814A	128	4	3.686	10662671103335
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### EXPANSION JOINT, H x SPG END PISTON



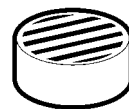
#### TYPE I - 3" TRAVEL

1-1/2"	103811B	1728	12	0.483	10662671102970
2"	103812B	1080	15	0.591	10662671102994
3"	103813B	480	15	1.382	10662671103014

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.17 GRATES

### INSERT DRAIN GRATE, SPG x DRAIN GRATE (FITS INSIDE DWV FITTING HUB)



3" DWV	103863	3600	50	0.238	10662671103038
4" DWV	103864	1800	25	0.384	10662671103045

## EXPANSION JOINTS

Allows for the expansion and contraction of pipe due to temperature change and the shrinkage of building materials that the pipe is connected to.

- Injected molded in ABS (Black) and PVC (White).
- Nitrile Buna-N O-ring.
- PQAA Grease #2 lubricant.

### Features

- Allows for up to 3" (7.6 cm) of travel (Type I) or 8" (20.3 cm) of travel (Type II).
- Flow direction and proper degree of extension indicated on expansion joint.
- Used in vertical applications.

### Benefits

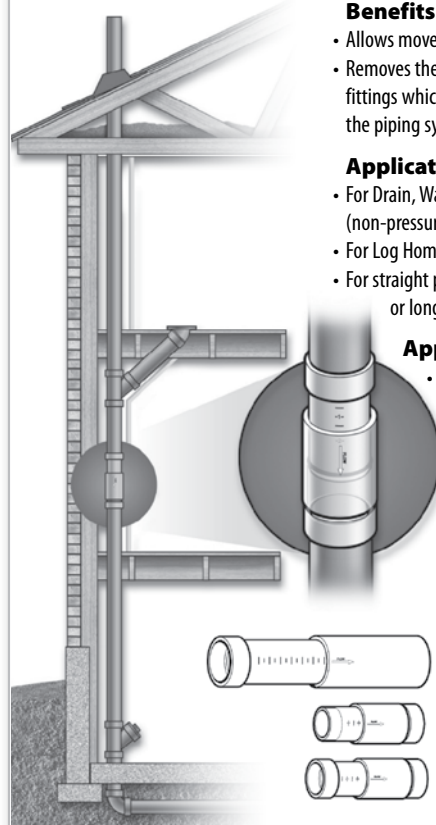
- Allows movement without leakage.
- Removes the stress from both pipe and fittings which could cause failure of the piping system.

### Applications

- For Drain, Waste & Vent applications (non-pressure).
- For Log Homes.
- For straight pipe runs of 30 ft. (9.1 m) or longer.

### Approvals

- CSA Certified, IAPMO Listed



### Installation Instructions

1. Locate unit (plunger side up). Preferably beneath lowest fixture.
2. Push plunger (inner section) until unit is fully closed.
3. Pull plunger back out specified distance according to temperature at time of installation.

Fahrenheit Degrees	Celsius Degrees	Distance
30	0	2.5" or 65mm
50	10	2.25" or 55mm
70	20	2" or 50 mm
85	30	1.75" or 45mm

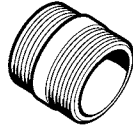
Based on 20 feet (6 meters) installation.

# 1.0 ABS DWV FITTINGS

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 1.18 NIPPLES

### NIPPLE, MPT x MPT



3" x 2-5/8"	103502	2240	70	0.187	10662671108613
3" x 3"	103503	2240	70	0.216	10662671107463
3" x 4"	103504	1440	45	0.315	10662671107470
3" x 6"	103506	960	30	0.516	10662671108385
3" x 8"	103508	-	25	0.855	10662671108439
3" x 10"	103510	-	10	1.071	10662671108392
3" x 12"	103512	-	10	1.288	10662671108538

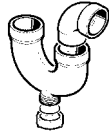
## 1.19 P TRAPS

### POLYETHYLENE GASKET FOR PERMOSEAL P TRAP



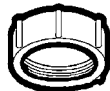
-	103231-6	-	-	0.004	10662671109238
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### P TRAP, WITH CLEANOUT & SOLVENT WELD JOINT, H x H



1-1/2"	103201AS	1120	35	0.421	10662671107715
2"	103202A	640	20	0.644	10662671102390

### P TRAP CLEANOUT CAP WITH GASKET



1-1/2" -2"	103046ABC	24000	500	0.044	11662671109435
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### PERMOSEAL® P TRAP WITH UNION CONNECTION, H x H



1-1/2"	103231E	1120	35	0.454	10662671109276
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### PERMOSEAL® P TRAP WITH UNION CONNECTION & CLEANOUT, H x H



1-1/2"	103231A	1120	35	0.507	10662671109269
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### P TRAP WITH SOLVENT WELD JOINT, H x H

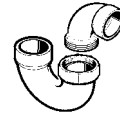


1-1/2"	103201S	1280	40	0.388	10662671106916
2"	103202	640	20	0.635	10662671102383
3"	103203	180	10	1.839	10662671102406
4"	103204	108	6	3.494	10662671102420

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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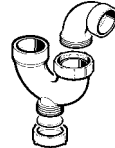
## 1.19 P TRAPS CONTINUED..

### P TRAP WITH UNION, H x H



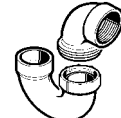
1-1/4"	103210E	-	40	0.362	10662671102451
1-1/2"	103211N	1280	40	0.41	10662671106701
2"	103212E	640	20	0.657	10662671102512

### P TRAP WITH UNION CONNECTION & CLEANOUT, H x H



2"	103212A	-	10	0.291	10662671103342
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### P TRAP WITH UNION, H x FPT



1-1/2"	103211F	-	30	0.456	10662671108378
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### P TRAP LA PATTERN WITH UNION, SLIP x H



1-1/4"	103220A	-	20	0.454	10662671108606
1-1/2"	103221A	960	30	0.5	10662671106688
1-1/4" x 1-1/2"	103221B	1120	35	0.5	10662671106695

### P TRAP ELL (LONG SWEEP), SPG x H



1-1/2"	103201-2	-	150	0.126	10662671108620
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### P TRAP ELL (SHORT SWEEP), SPG x H



1-1/2"	102211	4320	135	0.13	10662671107876
2"	102212	-	80	0.203	10662671108286

### P TRAP, U-BEND, H x H



1-1/2"	103201-1S	-	75	0.251	10662671108248
2"	103202-1	960	30	0.406	10662671107043
3"	103203-1	-	15	1.257	10662671102413
4"	103204-1	-	-	2.381	10662671103489
6"	103206-1	48	2	5.633	10662671107753

### P TRAP, U-BEND, WITH CLEANOUT PLUG, H x H



1-1/2"	103201B	-	30	0.452	10662671108453
2"	103202B	-	30	0.683	10662671108460

# 1.0 ABS DWV FITTINGS

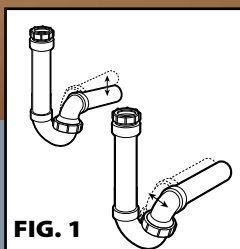
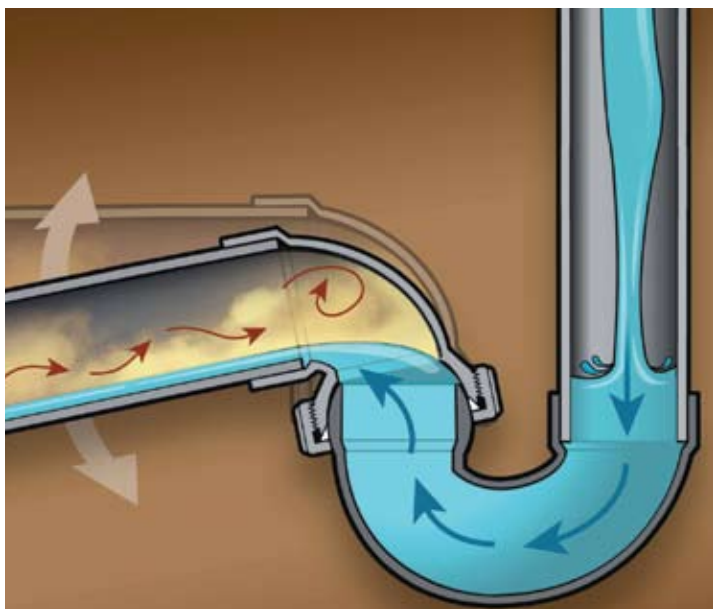


FIG. 1

## FIG. 1

The ball joint union connection allows the P Trap Ell to swivel up to 10° from vertical, in any direction, except directly backwards.

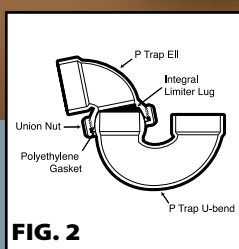


FIG. 2

## FIG. 2

An integral limiter lug prevents the P Trap Ell from pitching backwards providing the correct outlet slope for drainage. The polyethylene gasket ensures a leak proof connection in almost any installation situation.

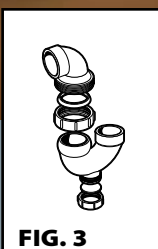


FIG. 3

## FIG. 3

No need to tighten the union nut by mechanical means causing damage and possible leaks. The oversize union nut can be simply hand tightened for a positive seal.

Union nut can be easily undone and just as easily put back together numerous times without reducing the P Trap's sealing capability.

## Installation

The Seller recommends against the use of oil based putty with an ABS fitting of it's manufacture. The union joint of the PermOseal® P Trap requires only hand tightening to affect a seal. Tightening by mechanical means may cause undue stress and possible failure of the fitting.

canplas®



## PermOseal® P Trap

(Patent # 6,859,956)

**The Canplas PermOseal® P Trap is unlike any P Trap on the market today. It's unique design is the result of the innovative thinking you've come to expect from Canplas!**

The unique design features a gasketed, ball joint, union connection that provides unequalled performance in even the most demanding installation conditions.

## Features

The innovative ball joint style union allows the installer to overcome installation problems, such as pipe misalignment and offset fittings.

Gasket seal ensures a leak proof connection in almost any situation.

Oversize union nut can be easily hand tightened for a positive seal.

## Material

Available in ABS (Black) with or without cleanout.

## Testing

Our test results confirmed that when leak tested in misaligned installations, the new PermOseal® P Trap outperforms the top P Traps available in the North American market.

PART #	DESC.	MATERIAL	CTN. QTY.
103231E	Without Cleanout	ABS (Black)	35
103231A	With Cleanout	ABS (Black)	35

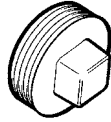


# 1.0 ABS DWV FITTINGS

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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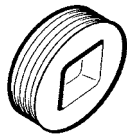
## 1.20 PLUGS

### CLEANOUT PLUG, MPT



1-1/4"	103050S	-	100	0.029	10662671108736
1-1/2"	103051S	17280	120	0.042	10662671106817
2"	103052S	10800	150	0.051	10662671106824
2-1/2"	103055	-	50	0.093	10662671107975
3"	103053S	4320	30	0.15	10662671106589
3-1/2"	103056	3600	25	0.179	10662671108477
4"	103054S	2160	30	0.256	10662671106596
6"	103057S	1152	8	0.642	10662671107982

### COUNTERSUNK PLUG, MPT



2"	103062	21600	150	0.071	10662671107999
3"	103063	7200	50	0.117	10662671108002
4"	103064	4320	60	0.157	10662671108682
6"	103066	720	10	0.661	10662671107395

## 1.21 CAPS

### CAP, HUB



1-1/2"	103081	12960	90	0.062	10662671102291
2"	103082	7920	110	0.079	10662671102307
3"	103083S	2160	30	0.278	10662671108668
4"	103084S	1200	25	0.481	10662671108675
6"	103086	384	12	1.182	10662671103496

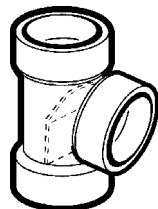
### CAP, FPT



1-1/2"	103091	14400	100	0.062	10662671107210
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## 1.23 SIDE VENT BAFFLE TEE

### SIDE VENT BAFFLE TEE, H x H x H

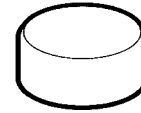


1-1/2"	103927-7	2400	75	0.205	10662671108637
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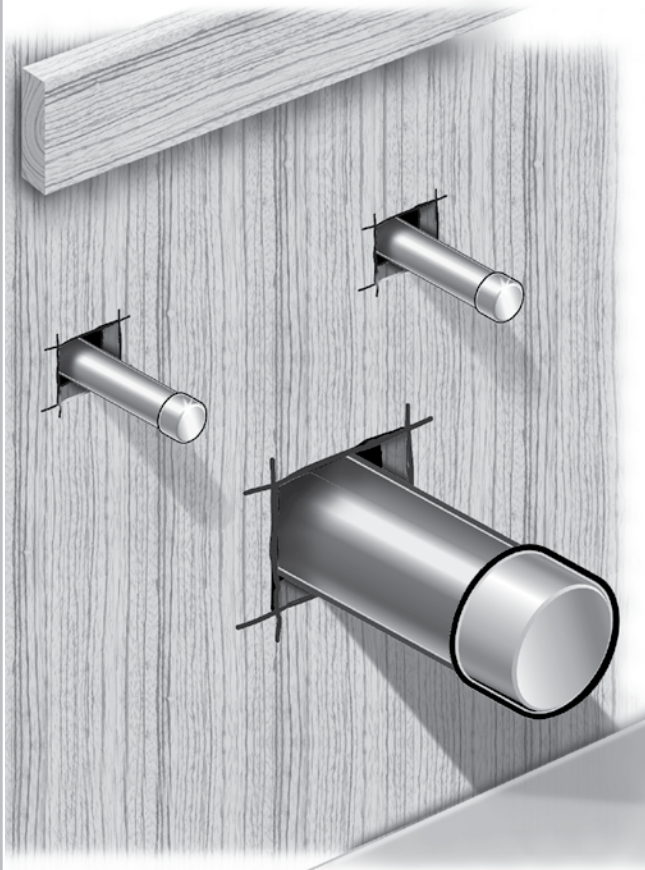
SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 1.22 POLYETHYLENE CAPS

### POLYETHYLENE CAP SLIP-ON STYLE, ORANGE



1-1/2"	10TC315	14400	200	0.02	10662671103267
2"	10TC316	10800	150	0.026	10662671103274
3"	10TC318	2520	35	0.055	10662671103281
4"	10TC320	1920	40	0.075	10662671103298
6"	10TC322	480	10	0.205	10662671109023



#### ► material

- Injection molded in polyethylene.

#### ► features

- Prevents dirt and debris from entering the drainage system.
- Bright orange color enhances visibility; reducing tripping hazard.
- Slip-on style for ease of use.
- Size of cap indelibly marked in large print facilitates identification.
- Can hold DWV system test pressures when installed with a mechanical restraint, ie: hose clamp.

**canplas® ABS DWV FITTINGS**

# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.24 SLIP JOINT NUTS

### SLIP JOINT NUT



1-1/2"	103931	-	-	0.022	10662671103069
2"	103932	19200	600	0.031	10662671103076
1-1/2" x 1-1/4"	103933	-	150	0.035	10662671107630

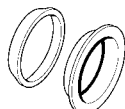
## 1.25 SLIP JOINT WASHERS

### SLIP JOINT WASHER - POLYETHYLENE



1-1/2"	109210-004	-	-	0.004	10662671103236
2"	109210-005	-	-	0.004	10662671103243

### 2-IN-1 SLIP JOINT WASHER - POLYETHYLENE



1-1/2" x 1-1/4"	109410-004	-	-	0.009	10662671109740
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## 1.26 TEES

### DOUBLE SANITARY TEE, H x H x H x H



1-1/2"	102187	1080	15	0.324	10662671100396
2"	102186	720	10	0.489	10662671100389
3"	102184	240	5	1.332	10662671103373
4"	102185	144	8	2.31	10662671100372
2" x 1-1/2" x 1-1/2" x 1-1/2"	102188-2*	-	20	0.705	10662671109566
2" x 2" x 1-1/2" x 1-1/2"	102188	960	20	0.37	10662671100402
3" x 3" x 1-1/2" x 1-1/2"	102189	480	15	0.626	10662671100419
3" x 3" x 2" x 1-1/2"	102180-2	450	25	0.71	10662671107654
3" x 3" x 2" x 2"	102181	480	15	0.789	10662671100365
4" x 4" x 2" x 2"	102190	270	15	1.078	10662671107852
4" x 4" x 3" x 3"	102191	180	10	1.62	10662671107869

\*Fitting uses bushing

### DOUBLE SANITARY TEE, FPT x FPT x H x H

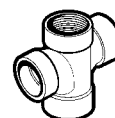


3" x 3" x 2" x 2"	102181-1	480	15	0.855	10662671107203
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SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.26 TEES CONTINUED..

### DOUBLE SANITARY TEE, H x FPT x H x H



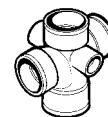
3" x 3" x 2" x 2"	102181-2	480	15	0.798	10662671107661
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### DOUBLE SANITARY TEE, STREET, SPG x H x H x H



3" x 3" x 2" x 2"	105181	450	25	0.739	10662671107692
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### DOUBLE SANITARY TEE WITH RIGHT & LEFT INLETS, H x H x H x H x H x H



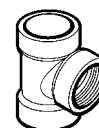
3" x 3" x 3" x 3" x 2" x 2"	102164LR	180	10	1.521	10662671108194
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### DOUBLE SANITARY TEE WITH SIDE INLET, H x H x H x H x H



3" x 3" x 3" x 3" x 2"	102164L	180	10	1.457	10662671108187
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### FIXTURE TEE, H x H x FPT

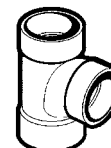


1-1/2"	104111	2520	35	0.209	10662671108552
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2" x 1-1/2" x 1-1/2"	104128	1800	25	0.309	10662671109504
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2" x 2" x 1-1/2"	104130	-	25	0.243	10662671108583
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### SANITARY TEE, H x H x H



1-1/2"	102151L	2240	70	0.223	10662671106763
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1-1/2 x 1-1/4" x 1-1/4"	102137*	2520	35	0.194	10662671100204
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2"	102152L	1280	40	0.298	10662671107166
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2" x 1-1/2" x 2"	102127L	1200	25	0.309	10662671106787
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2" x 2" x 1-1/2"	102126L	1440	30	0.278	10662671107746
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3"	102153	360	20	1.025	10662671100310
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3" x 3" x 1-1/2"	102131	800	25	0.639	10662671100136
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3" x 3" x 2"	102130L	640	20	0.717	10662671107227
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4"	102154L	216	12	2.094	10662671107234
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ABS DWV FITTINGS

canplas®

# 1.0 ABS DWV FITTINGS

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 1.26 TEES CONTINUED..

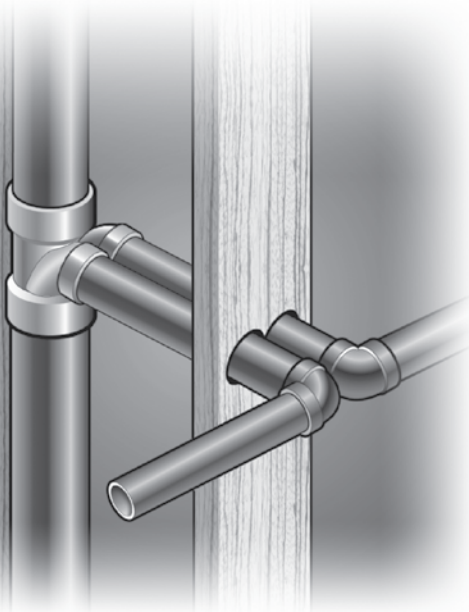
### SANITARY TEE, H x H x H CONTINUED..

4" x 4" x 2"	102134	360	20	1.008	10662671100174
4" x 4" x 3"	102136	270	15	1.365	10662671100198
6"	102156	72	3	4.467	10662671103564
6" x 6" x 4"	102144	90	5	3.148	10662671107487

### HORIZONTAL TWIN TEE



3" x 3" x 1-1/2" x 1-1/2"	103750	480	15	0.657	10662671108804
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#### ► material

- Injection molded in ABS (Black) and PVC (White).

#### ► function

- To provide two 1 1/2" connections to a 3" tee on the same side.

#### ► features

- 3" tee with two side by side 1 1/2" sanitary hub connections.
- Compact design.

#### ► benefits

- Eliminates the need to stack two 3" x 1 1/2" tees on top of each other, avoiding complicated installations.
- Perfect application for back to back fixtures such as sinks and bathtubs.

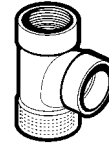
#### ► approvals

- The Horizontal Twin Tee meets ASTM D2468 and D1784 standards. IAPMO and CSA approval pending.

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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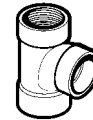
## 1.26 TEES CONTINUED..

### SANITARY TEE, FPT x FPT x H



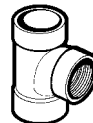
3" x 3" x 2"	102182	540	30	0.798	10662671107678
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### SANITARY TEE, H x FPT x H



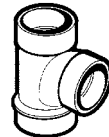
3" x 3" x 2"	102182-1	630	35	0.732	10662671107685
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### SANITARY TEE, H x H x FPT



2"	102152-2	1120	35	0.401	10662671107845
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### SANITARY TEE, STREET, SPG x H x H



1-1/2"	105151L	2400	50	0.212	10662671106770
2"	105152L	1280	40	0.346	10662671108088
2" x 1-1/2" x 1-1/2"	105128L	1600	50	0.269	10662671106886
2" x 1-1/2" x 2"	105127L	1280	40	0.304	10662671106794
2" x 2" x 1-1/2"	105126L	1440	20	0.284	10662671108071
3"	105153	360	20	1.014	10662671103182
3" x 3" x 1-1/2"	105131	800	25	0.631	10662671103151
3" x 3" x 2"	105130L	640	20	0.752	10662671107296
4"	105154L	180	10	2.037	10662671107302
6" x 6" x 4"	105144	90	5	3.144	10662671108910
6"	105156	54	3	4.37	10662671108996

### SANITARY TEE WITH LEFT SIDE INLET, H x H x H x H



3" x 3" x 3" x 1-1/2"	102147L	320	10	1.111	10662671100211
3" x 3" x 2" x 2"	102146L	320	10	0.86	10662671107012
3" x 3" x 3" x 2"	102148L	320	10	1.127	10662671100242
4" x 4" x 4" x 2"	102157L	-	10	1.925	10662671108293

**canplas® ABS DWV FITTINGS**

# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.26 TEES CONTINUED..

### SANITARY TEE WITH RIGHT SIDE INLET, H x H x H x H



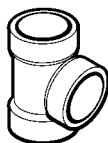
3" x 3" x 2" x 2"	102146R	320	10	0.864	10662671107036
3" x 3" x 3" x 1-1/2"	102147R	320	10	1.111	10662671100235
3" x 3" x 3" x 2"	102148R	320	10	1.127	10662671100259

### SANITARY TEE WITH RIGHT & LEFT SIDE INLETS, H x H x H x H x H



3" x 3" x 2" x 2" x 2"	102146LR	360	20	0.985	10662671107029
3" x 3" x 3" x 1-1/2" x 1-1/2"	102147LR	180	10	1.182	10662671100228
3" x 3" x 3" x 2" x 2"	102148LR	180	10	1.31	10662671107364

### VENT TEE, H x H x H



1-1/2"	102101	2160	15	0.187	10662671107050
2"	102102	1440	20	0.276	10662671107555
3"	102103	384	12	1.314	10662671107821
2" x 2" x 1-1/2"	102106*	1440	20	0.245	10662671107104
3" x 3" x 2"	102105*	-	12	1.581	10662671109535

\*Fitting uses bushing

## 1.27 TEST PLATES

### TEST PLATE, SPG

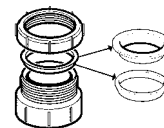


1-1/2"	103761	-	100	0.009	10662671108422
2"	103762	-	100	0.011	10662671102932
3"	103763	-	100	0.024	10662671102949
4"	103764	7200	100	0.084	10662671102956

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.28 TRAP ADAPTERS

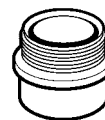
### 2-IN-1 COMBINATION TRAP ADAPTER, H x SLIP



1-1/2" x 1-1/2" x 1-1/4"

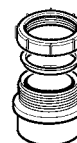
102859A	7200	100	0.088	10662671108934
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### FITTING TRAP ADAPTER, LESS WASHER & NUT, (FITTING MALE ADAPTER) SPG x MPT



1-1/2"	102801	-	-	0.062	10662671108262
2"	102802	-	-	0.084	10662671107968

### FITTING TRAP ADAPTER WITH WASHER & NUT, SPG x SLIP



1-1/4" x 1-1/2"	102801A2	7200	50	0.104	10662671107579
1-1/4"	102800A	7200	100	0.075	10662671101577
1-1/2"	102801A	7200	100	0.115	10662671101591
2"	102802A	4320	60	0.11	10662671101607

### (WITH ONE-PIECE POLY NUT)

1-1/4"	102805A	7200	100	0.093	10662671109719
1-1/2"	102804A	7200	100	0.097	10662671109726
1-1/4" x 1-1/2"	102806A	7200	100	0.093	10662671109733

### P TRAP ADAPTER, SPG x SLIP



1-1/2" x 1-1/4"	103211Y	7200	100	0.09	10662671102505
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### TRAP ADAPTER, FEMALE WITH WASHER & NUT, H x SLIP



1-1/2"	102851A	7200	100	0.084	10662671101669
1-1/2" x 1-1/4"	102860A	7200	100	0.095	10662671101683
2"	102852A	4320	60	0.126	10662671101676

### (WITH ONE-PIECE POLY NUT)

1-1/4"	102854A	7200	100	0.093	10662671109689
1-1/2"	102853A	7200	100	0.097	10662671109696
1-1/4" x 1-1/2"	102855A	7200	100	0.097	10662671109702

ABS DWV FITTINGS

canplas®

# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

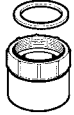
## 1.28 TRAP ADAPTERS CONTINUED..

### SWIVEL TRAY PLUG ADAPTER WITH WASHER, EXT. SPG x FTP



1-1/4" x 1-1/2"	103214	7200	50	0.084	10662671108415
1-1/2"	103216	5040	35	0.086	10662671102536

### SWIVEL TRAY PLUG ADAPTER WITH WASHER, H x FTP



1-1/2"	103217	7200	100	0.075	10662671102543
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### SWIVEL TRAY PLUG ADAPTER WITH WASHER, SPG x FTP



1-1/2"	103215	8640	60	0.068	10662671102529
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### TRAY PLUG ADAPTER, H x FTP



1-1/2"	103211-9	-	40	0.15	10662671107111
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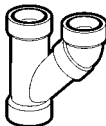
### TRAY PLUG ADAPTER, SPGx FTP



1-1/2"	103211-7	-	40	0.154	10662671107548
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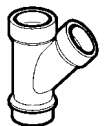
## 1.29 WYES

### UPRIGHT COMBINATION WYE & 1/8 BEND, H x H x H



2"	102732	640	20	0.6	10662671107951
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### WYE, STREET, SPG x H x H

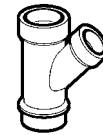


1-1/2"	105301L	1600	50	0.291	10662671108101
2"	105302L	960	30	0.437	10662671108118
3"	105303L	-	20	1.268	10662671108125
4"	105304L	-	5	2.253	10662671108132

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

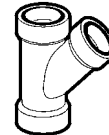
## 1.29 WYES CONTINUED..

### WYE, STREET, REDUCING, SPG x H x H



3" x 3" x 1-1/2"	105331	-	20	0.794	10662671103212
3" x 3" x 2"	105326L	450	25	0.869	10662671108156
4" x 4" x 2"	105328L	-	5	1.336	10662671108491
4" x 4" x 3"	105327L	-	5	1.735	10662671108163

### WYE, H x H x H



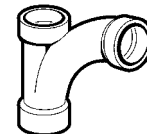
1-1/2"	102301L	1760	55	0.295	10662671106985
2"	102302L	800	25	0.437	10662671107388

2" x 1-1/2" x 1-1/2"	102324	1200	25	0.359	10662671100716
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2" x 2" x 1-1/2"	102325L	1120	35	0.357	10662671107067
2" x 1-1/2" x 2"	102321L*	800	25	0.203	10662671107937
3"	102303L	270	15	1.31	10662671106756
3" x 3" x 1-1/2"	102331L	480	15	0.78	10662671106879
3" x 3" x 2"	102326L	480	15	0.875	10662671106428
4"	102304L	160	5	2.288	10662671107517
4" x 4" x 1-1/2"	102329	384	8	1.001	10662671109382
4" x 4" x 2"	102328L	270	15	1.407	10662671107531
4" x 4" x 3"	102327L	180	10	1.795	10662671107524
6"	102306	36	2	5.357	10662671100693
6" x 6" x 3"	102343	72	4	3.646	10662671109351
6" x 6" x 4"	102344	72	4	3.699	10662671100808

\*Fitting uses bushing

### LONG TURN TEE WYE, SINGLE, H x H x H



1-1/2"	104301	1280	40	0.366	10662671107586
2"	104302	800	25	0.562	10662671106855
3"	104303	240	10	1.724	10662671108651
4"	104304	90	5	3.192	10662671107616

2" x 1-1/2" x 1-1/2"	104317	1120	35	0.401	10662671108040
----------------------	--------	------	----	-------	----------------

2" x 1-1/2" x 2"	104318	900	50	0.538	10662671108057
2" x 2" x 1-1/2"	104320	960	20	0.414	10662671108064
3" x 3" x 1-1/2"	104326	480	15	0.769	10662671107135
3" x 3" x 2"	104327	384	12	0.983	10662671107142
4" x 4" x 2"	104337	270	15	1.362	10662671107340
4" x 4" x 3"	104338	144	8	2.302	10662671107722

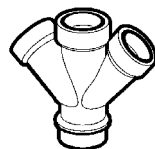


# 1.0 ABS DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.29 WYES CONTINUED..

**DOUBLE WYE, STREET,  
SPG x H x H x H**



3" x 3" x 1-1/2" x 1-1/2"

105376

320

10

0.86

10662671109085

## APPROVALS

UNLESS OTHERWISE NOTED, PRODUCTS ARE APPROVED/  
LISTED BY CSA INTERNATIONAL, NSF AND IAPMO TO  
STANDARDS THAT INCLUDE:



CSA - B79, B181.2



NSF - STANDARD 14



IAPMO - IS5, PS 146-99

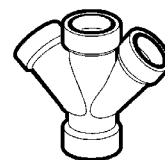


ASTM - D2665, D1784. D3311

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 1.29 WYES CONTINUED..

**DOUBLE WYE,  
H x H x H x H**



1-1/2"	102351	960	30	0.357	10662671100815
2"	102352	640	20	0.522	10662671100822
3"	102353	270	15	1.323	10662671100839
4"	102354	90	5	2.773	10662671100846
2" x 2" x 1-1/2" x 1-1/2"	102374	800	25	0.454	10662671100853
3" x 3" x 1-1/2" x 1-1/2"	102376	320	10	0.888	10662671100860
3" x 3" x 2" x 2"	102377	360	15	0.957	10662671100877
4" x 4" x 2" x 2"	102380	180	10	1.47	10662671100884
4" x 4" x 4" x 3" x 3"	102381	144	8	2.357	10662671100891
6" x 6" x 4" x 4"	102388	-	3	4.041	10662671100891

## WARNING

**Do Not** use oil based putty or pipe joint compounds with any ABS products.  
It will cause cracking and breakage of the ABS products over time.

## THERMAL EXPANSION

Allow for thermal expansion and movement in all piping installations by the use of approved methods. Support but do not rigidly restrain piping at branches or changes of direction. Do not anchor pipe rigidly in walls. Holes through framing members should be adequately sized to allow for free movement. Thermal expansion for installations subject to temperature changes may be determined from the table shown below. The linear expansion shown is independent of the diameter of the pipe.

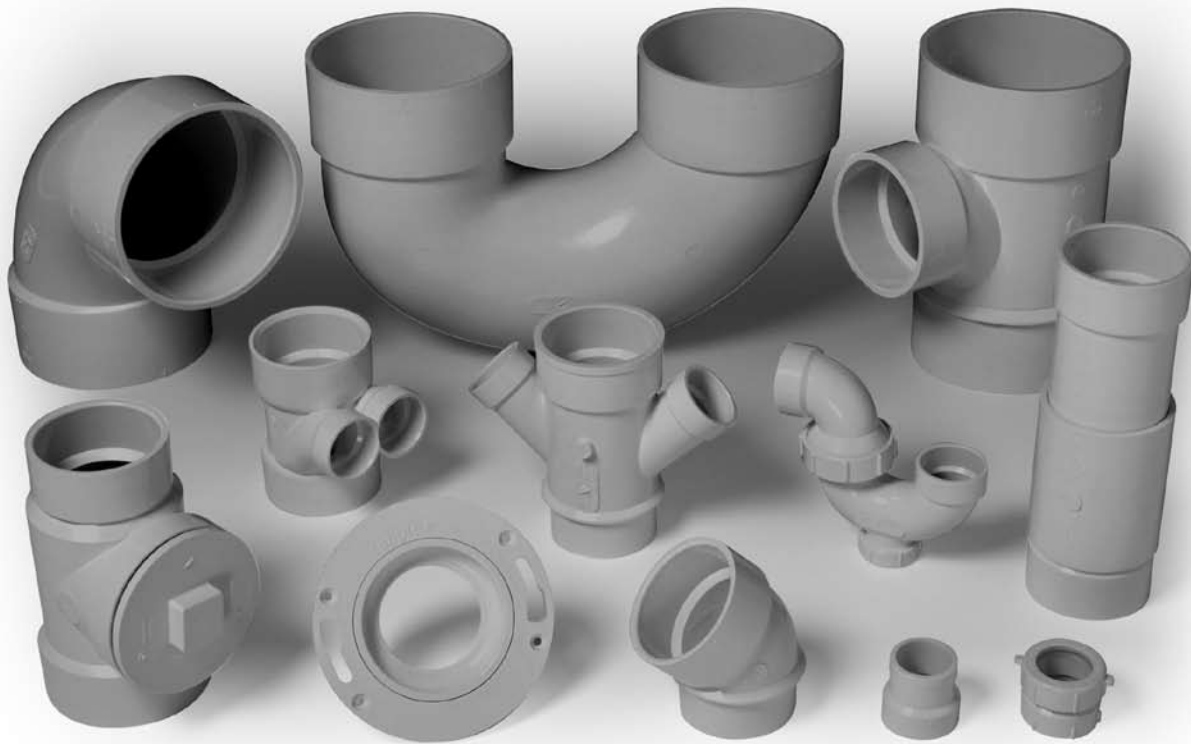
### THERMAL EXPANSION OF ABS PIPE

Pipe Length	Temperature Change in Degrees Fahrenheit						
	40° F	50° F	60° F	70° F	80° F	90° F	100° F
Length Change in Inches							
20 ft.	0.5	0.7	0.8	0.9	1.0	1.2	1.3
40ft.	1.1	1.3	1.6	1.9	2.0	2.4	2.7
60 ft.	1.6	2.0	2.4	2.8	3.2	3.6	4.0
80 ft.	2.1	2.7	3.2	3.8	4.3	4.8	5.4
100 ft.	2.7	3.4	4.0	4.7	5.4	6.0	6.7

### THERMAL EXPANSION OF PVC PIPE

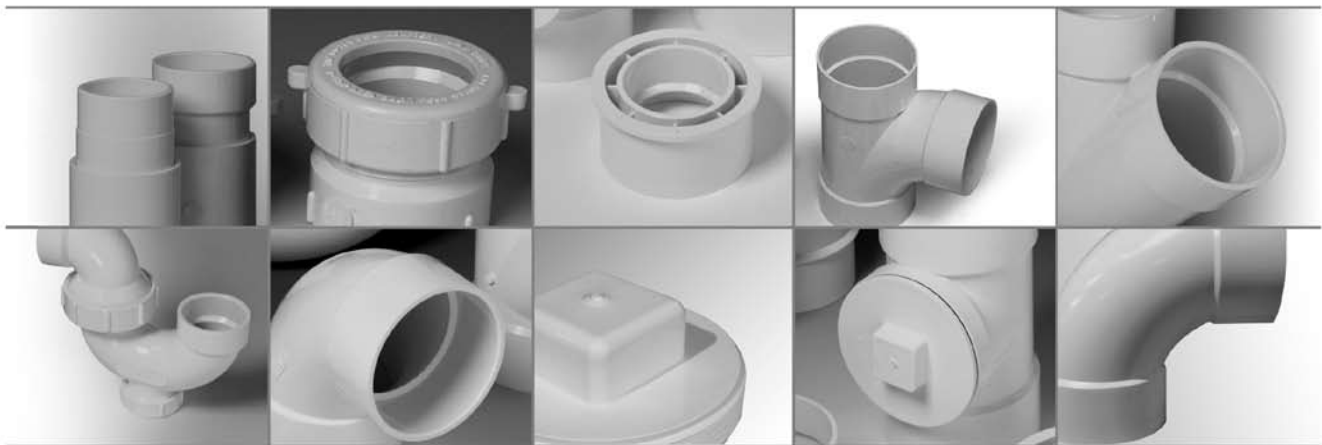
Pipe Length	Temperature Change in Degrees Fahrenheit						
	40° F	50° F	60° F	70° F	80° F	90° F	100° F
Length Change in Inches							
20 ft.	0.28	0.35	0.42	0.49	0.56	0.63	0.70
40 ft.	0.56	0.70	0.84	0.97	1.11	1.25	1.39
60 ft.	0.84	1.04	1.25	1.46	1.67	1.95	2.09
80 ft.	1.13	1.39	1.67	1.95	2.23	2.51	2.78
100 ft.	1.39	1.74	2.09	2.44	2.78	3.13	3.48

## 2.0 **PVC** DWV FITTINGS



# **canplas®**

## **PVC DWV FITTINGS**



Canplas offers a comprehensive range of PVC (White) DWV fittings, primarily for use in the commercial construction industry, with large diameter sizes ranging to 6". Canplas continues to provide the quality and service you have come to depend on.

**PVC DWV FITTINGS**

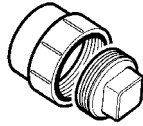
**canplas®**

# 2.0 PVC DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

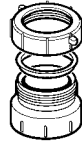
## 2.1 ADAPTERS

**FITTING CLEANOUT  
ADAPTER WITH PLUG,  
SPG x FPT**



6" 193706AS 240 5 2.39 10662671191080

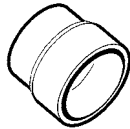
**COPPER TO DWV  
PIPE ADAPTER,  
H x SLIP**



1-1/2"	192861A	5760	80	0.154	10662671190335
1-1/2" x 1-1/4"	192864A	5760	80	0.154	10662671190342
2"	192865A	3600	50	0.165	10662671190694
1-1/2" x 2"	192866A	4320	60	0.209	10662671190977

## 2.2 ADAPTER COUPLINGS

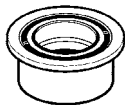
**ADAPTER COUPLING,  
ADAPTS SEWER & DRAIN  
SPIGOT TO DWV SPIGOT,  
H x H**



6" x 4"	193037	360	20	2.017	10662671191103
6" x 4"	193035	360	20	1.799	10662671191110

## 2.3 BUSHINGS

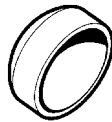
**FLUSH BUSHINGS,  
SPG x H**



6" x 4"	192767	384	12	1.929	10662671190830
6" x 3"	192766	432	24	2.006	10662671190878

## 2.4 CAPS

**CAP, HUB**

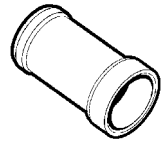


6"	193086	384	12	1.594	10662671190397
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SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 2.5 CAST IRON ADAPTERS

**HUB ADAPTER, CAST IRON,  
ADAPTS DWV SPIGOT  
TO CAST IRON HUB**



6"	193456	216	12	5.745	10662671190922
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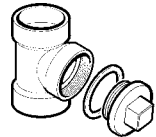
**NO HUB ADAPTER, CAST IRON,  
ADAPTS NO HUB ELASTOMER  
COUPLING TO DWV SPIGOT**



1-1/2"	193420	7200	100	0.097	10662671190434
6"	193426	256	8	1.515	10662671190908

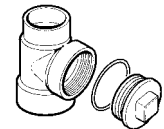
## 2.6 CLEANOUTS

**CLEANOUT TEE  
WITH PLUG, H x H x FPT**



6"	192118A	72	4	5.675	10662671190038
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**3" x 4" PERMOSEAL LINE  
CLEANOUT, H x H WITH  
GASKET ON PLUG**



4" x 3" x 4"	192107A	270	15	2.178	10662671190021
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PVC DWV FITTINGS

canplas®

# 2.0 **PVC** DWV FITTINGS

## canplas®

### **Copper Pipe Adapters**

#### **Material**

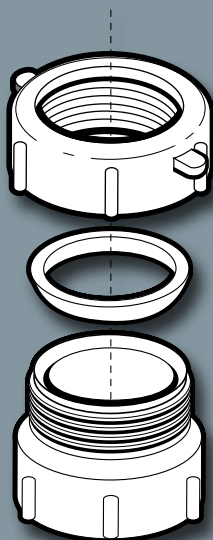
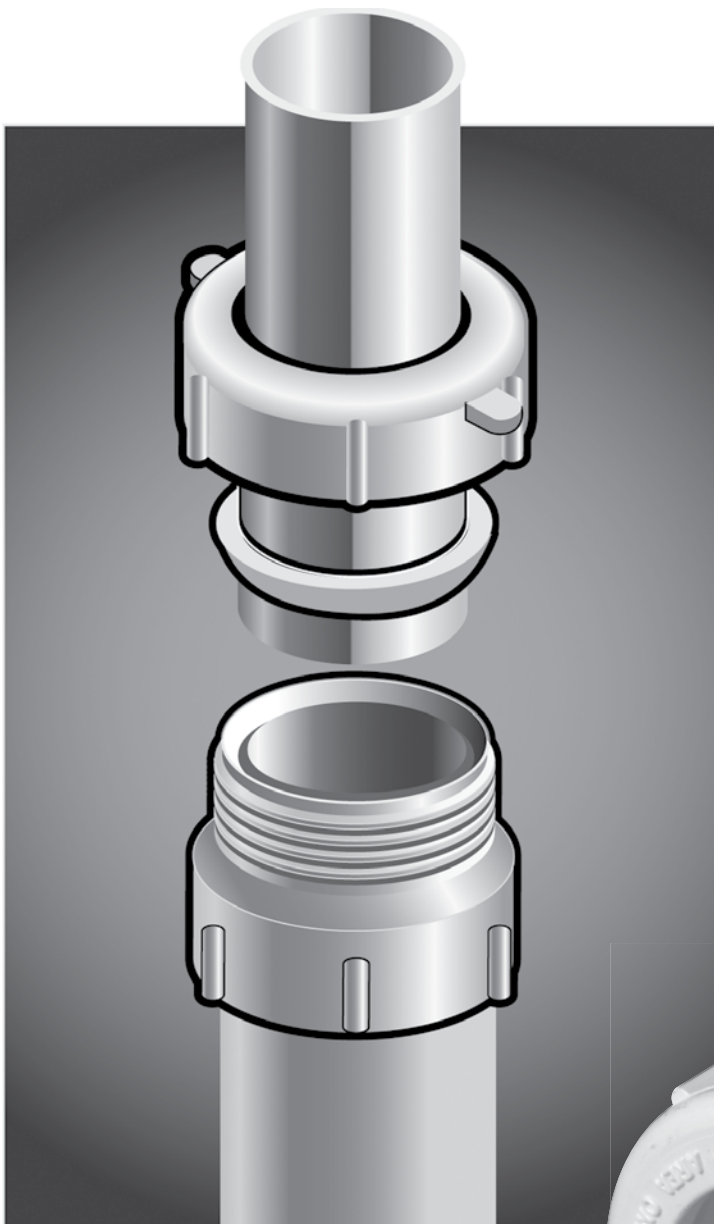
- Injection molded in PVC (White).

#### **Function**

- Adapts copper DWV to plastic DWV pipe size (Schedule 40).

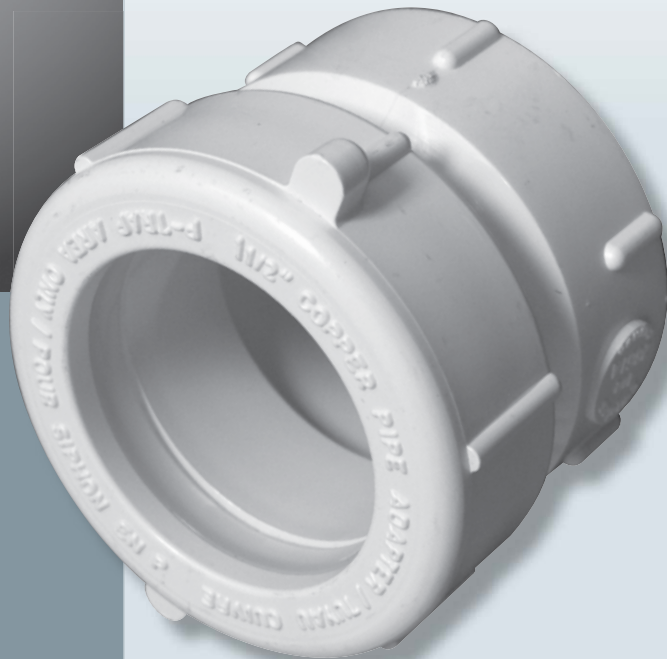
#### **Features**

- Hub x slip joint.
- No soldering required.
- Cost-effective.



#### **Approvals:**

CSA certified  
IAPMO listed  
(as marked)



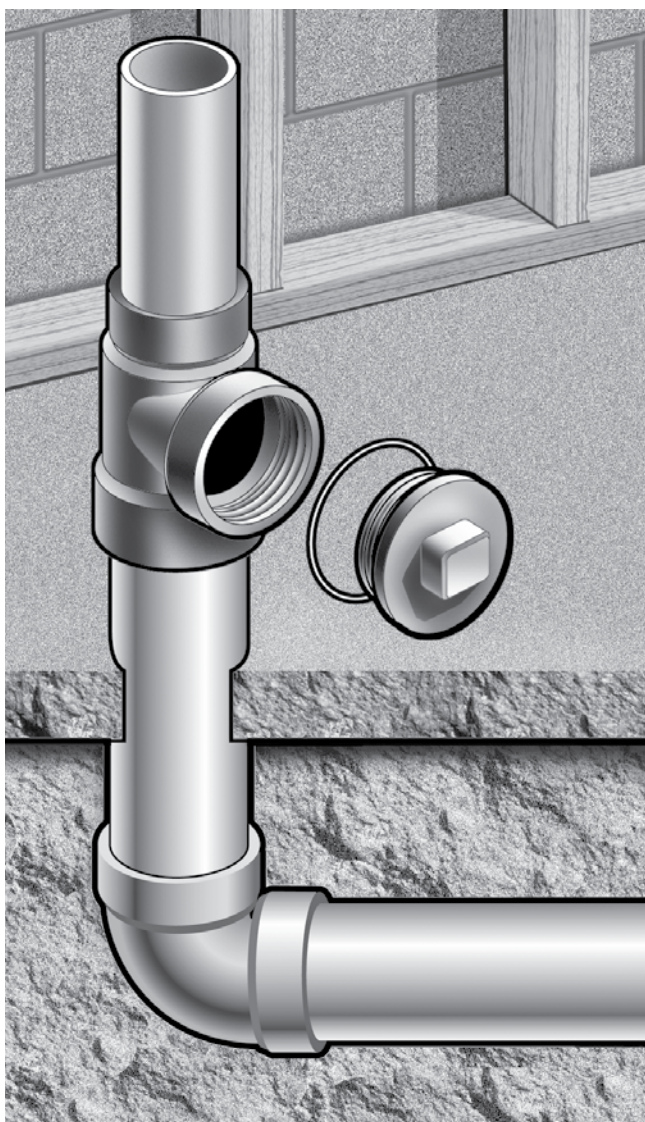
PART #	MATERIAL	SIZE	CARTON QTY.
192861A	PVC (White)	1-1/2"	80
192864A	PVC (White)	1-1/2" x 1-1/4"	80
192865A	PVC (White)	2"	50

PVC DWV FITTINGS

canplas®



## 2.0 **PVC** DWV FITTINGS



# canplas®

## **4" x 3"** **PermOseal®** **line cleanout**

### **Material**

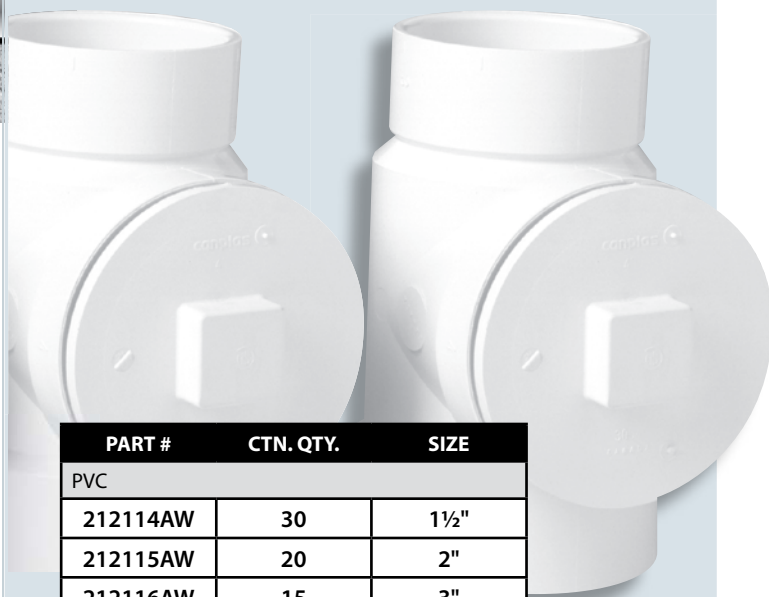
- Injection molded in ABS (Black).

### **Features**

- Replaces a 4" x 4" line cleanout and a 4" x 3" bushing.
- Saves time and money.
- Comes complete with plug and O-ring for a tight seal.

### **Approvals:**

- CSA certified • IAPMO listed (as marked)



PART #	CTN. QTY.	SIZE
PVC		
212114AW	30	1½"
212115AW	20	2"
212116AW	15	3"
212117AW	10	4"
PVC - REDUCING LINE CLEANOUT		
212107A	15	4" x 3"

**Also See the new  
PermOseal® 4" x 3"  
Reducing Line Cleanout  
with Test Membrane**

**Innovative  
test membrane**

from Canplas® enables  
mess-free removal of  
the test membrane  
after a water test.



**Refer to page 66  
for more information!**

**PVC DWV FITTINGS**

**canplas®**



# 2.0 PVC DWV FITTINGS

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 2.7 CLOSET FLANGES, ADJUSTABLE

**HUB END, FLUSH KIT WITH ADJUSTABLE PLASTIC RING**



4" x 3"	193627	800	25	0.635	10662671190786
---------	--------	-----	----	-------	----------------

**HUB END, FLUSH KIT WITH ADJUSTABLE PLASTIC RING WITH MOLDED TEST PLATE**



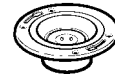
4" x 3"	193627T	800	25	0.767	10662671190793
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**HUB END WITH ADJUSTABLE PLASTIC RING**



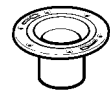
4" x 3"	193624	800	25	0.622	10662671190489
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**HUB END WITH ADJUSTABLE PLASTIC RING WITH TEST PLATE**



4" x 3"	193624T	800	25	0.712	10662671190472
---------	---------	-----	----	-------	----------------

**SPIGOT END WITH ADJUSTABLE PLASTIC RING**



4" x 3"	193617M	450	25	1.1	10662671190465
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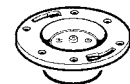
## 2.8 CLOSET FLANGES, ONE-PIECE PLASTIC

**HUB -FLUSH KIT**



4" X 3"	193631	--	25	0.75	10662671190526
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**HUB -FLUSH KIT WITH MOLDED TEST PLATE**



4" X 3"	193631T	800	25	0.741	10662671190519
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**HUB -FLUSH KIT WITHOUT PIPE STOP**



4" X 3"	193631X*	800	25	0.677	10662671191097
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\*Fits over 3" or inside 4" Sch. 40 DWV Pipe

## 2.9 COUPLINGS

**COUPLING, H x H**



6"	193006	216	12	2.284	10662671190762
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SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 2.10 ELBOWS/BENDS

**1-16 BEND (22 1/2°), H x H**



6"	192556	144	8	2.972	10662671190816
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**1-16 BEND, STREET (22 1/2°), H x H**



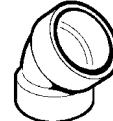
6"	192566	144	8	2.811	10662671190779
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**1/8 BEND (45°), H x H**



6"	192506	144	8	3.446	10662671190861
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**1/8 BEND (45°), SHORT TURN, H x H**



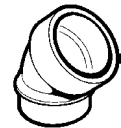
3"	192523	800	25	0.646	10662671190274
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**1/8 BEND, STREET (45°), SPG x H**



6"	192406	144	8	3.327	10662671190823
----	--------	-----	---	-------	----------------

**1/8 BEND, STREET (45°), SHORT TURN, SPG x H**



3"	192423	800	25	0.631	10662671190229
----	--------	-----	----	-------	----------------

**1/4 BEND (90°), H x H**



6"	192256	72	4	5.077	10662671190731
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**1/4 BEND, STREET (90°), SPG x H**



6"	192456	72	4	4.762	10662671190236
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PVC DWV FITTINGS

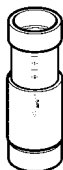
canplas®

# 2.0 PVC DWV FITTINGS

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 2.11 EXPANSION JOINTS

### EXPANSION JOINT, H x H



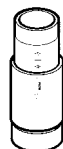
#### TYPE I - 3" TRAVEL

1-1/2"	193811A	384	12	0.655	10662671190571
2"	193812A	480	15	0.802	10662671190595
3"	193813A	480	15	1.861	10662671190618

#### TYPE II - 8" TRAVEL

4"	193814A	128	4	4.912	10662671190632
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### EXPANSION JOINT, H x SPG END PISTON



#### TYPE I - 3" TRAVEL

1-1/2"	193811B	384	12	0.655	10662671190588
2"	193812B	480	15	0.796	10662671190601
3"	193813B	480	15	1.861	10662671190625

## 2.12 GRATES

### INSERT DRAIN GRATE, SPG x DRAIN GRATE (FITS INSIDE DWV FITTING HUB)



3" DWV	193863	3600	50	0.324	10662671190649
4" DWV	193864	1800	25	0.529	10662671190656

## 2.13 P TRAPS

### PERMOSEAL P TRAP WITH UNION CONNECTION, H x H



1-1/2"	193231E	1120	35	0.624	10662671191073
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### PERMOSEAL P TRAP WITH UNION CONNECTION & CLEANOUT, H x H



1-1/2"	193231A	1120	35	0.71	10662671191066
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### P TRAP, U-BEND, H x H



6"	193206-1	48	2	7.758	10662671190410
----	----------	----	---	-------	----------------

## EXPANSION JOINTS

**Allows for the expansion and contraction of pipe due to temperature change and the shrinkage of building materials that the pipe is connected to.**

### Features

- Allows for up to 3" (7.6 cm) of travel (Type I) or 8" (20.3 cm) of travel (Type II).
- Flow direction and proper degree of extension indicated on expansion joint.
- Used in vertical applications.

### Benefits

- Allows movement without leakage.
- Removes the stress from both pipe and fittings which could cause failure of the piping system.

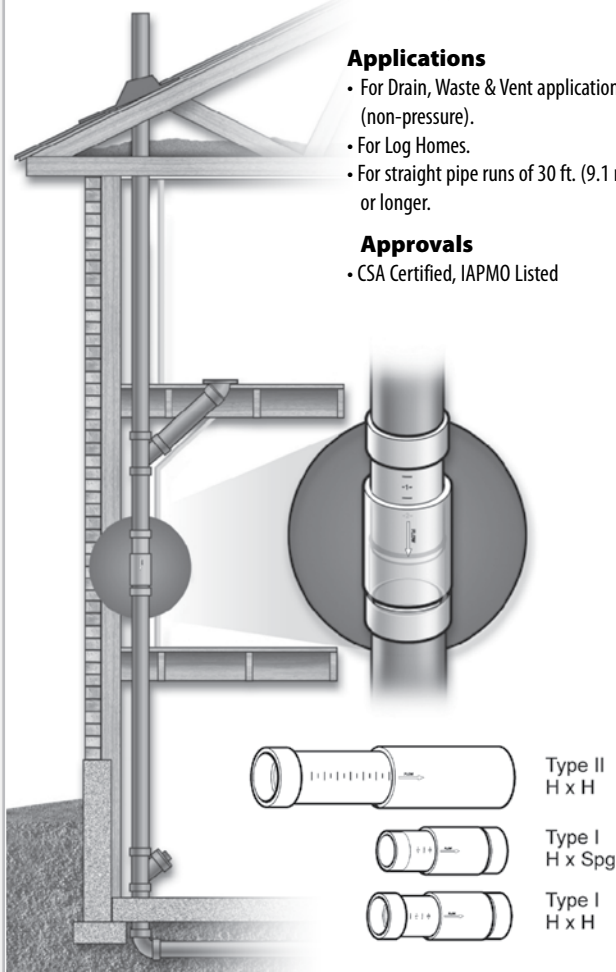
- Injected molded in ABS (Black) and PVC (White).
- Nitrile Buna-N O-ring.
- PQAA Grease #2 lubricant.

### Applications

- For Drain, Waste & Vent applications (non-pressure).
- For Log Homes.
- For straight pipe runs of 30 ft. (9.1 m) or longer.

### Approvals

- CSA Certified, IAPMO Listed



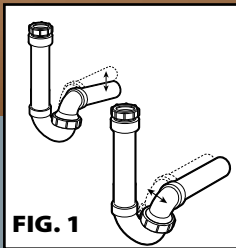
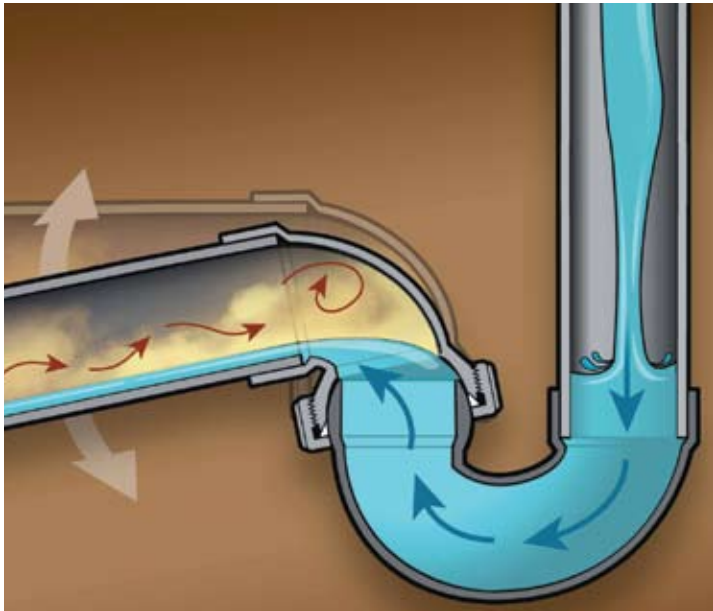
### Installation Instructions

1. Locate unit (plunger side up). Preferably beneath lowest fixture.
2. Push plunger (inner section) until unit is fully closed.
3. Pull plunger back out specified distance according to temperature at time of installation.

Fahrenheit Degrees	Celsius Degrees	Distance
30	0	2.5" or 65mm
50	10	2.25" or 55mm
70	20	2" or 50 mm
85	30	1.75" or 45mm

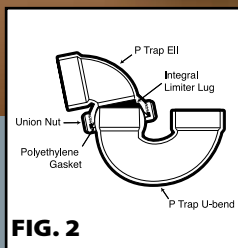
Based on 20 feet (6 meters) installation.

# 2.0 PVC DWV FITTINGS



**FIG. 1**

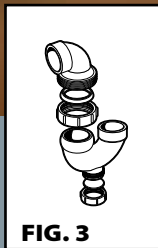
The ball joint union connection allows the P Trap Ell to swivel up to 10° from vertical, in any direction, except directly backwards.



**FIG. 2**

**FIG. 2**

An integral limiter lug prevents the P Trap Ell from pitching backwards providing the correct outlet slope for drainage. The polyethylene gasket ensures a leak proof connection in almost any installation situation.



**FIG. 3**

**FIG. 3**

No need to tighten the union nut by mechanical means causing damage and possible leaks. The oversized union nut can be simply hand tightened for a positive seal.

Union nut can be easily undone and just as easily put back together numerous times without reducing the P Trap's sealing capability.

## Installation

The Seller recommends against the use of oil based putty with an ABS fitting of its manufacture. The union joint of the PermOseal® P Trap requires only hand tightening to affect a seal. Tightening by mechanical means may cause undue stress and possible failure of the fitting.

# canplas®



## PermOseal® P Trap

(Patent # 6,859,956)

**The Canplas PermOseal® P Trap is unlike any P Trap on the market today. It's unique design is the result of the innovative thinking you've come to expect from Canplas!**

The unique design features a gasketed, ball joint, union connection that provides unequalled performance in even the most demanding installation conditions.

## Features

The innovative ball joint style union allows the installer to overcome installation problems, such as pipe misalignment and offset fittings.

Gasket seal ensures a leak proof connection in almost any situation.

Oversize union nut can be easily hand tightened for a positive seal.

## Material

Available in PVC (White) with or without cleanout.

## Testing

Our test results confirmed that when leak tested in misaligned installations, the new PermOseal® P Trap outperforms the top P Traps available in the North American market.

PART #	DESC.	MATERIAL	CTN. QTY.
193231E	Without Cleanout	PVC (White)	35
193231A	With Cleanout	PVC (White)	35

PVC DWV FITTINGS

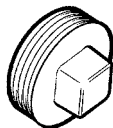
canplas®

# 2.0 PVC DWV FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 2.14 PLUGS

**CLEANOUT PLUG,  
MPT**



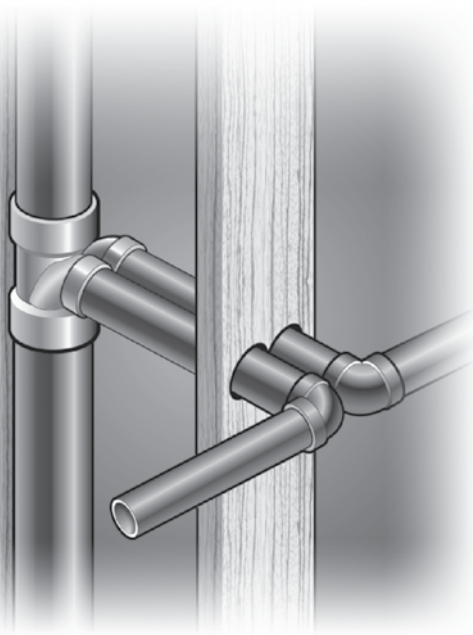
6" 1930575 1152 8 0.851 10662671190953

## 2.15 TEES

**HORIZONTAL TWIN TEE**



3" x 3" x 1-1/2" x 1-1/2"  
193750 480 15 0.908 10662671190854

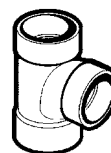


- ▶ **material**
  - Injection molded in ABS (Black) and PVC (White).
- ▶ **function**
  - To provide two 1½" connections to a 3" tee on the same side.
- ▶ **features**
  - 3" tee with two side by side 1½" sanitary hub connections.
  - Compact design.
- ▶ **benefits**
  - Eliminates the need to stack two 3" x 1½" tees on top of each other, avoiding complicated installations.
  - Perfect application for back to back fixtures such as sinks and bathtubs.
- ▶ **approvals**
  - The Horizontal Twin Tee meets ASTM D2468 and D1784 standards. IAPMO and CSA approval pending.

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

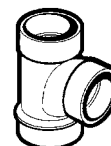
## 2.15 TEES CONTINUED..

**SANITARY TEE,  
H x H x H**



6" 192156 72 3 5.977 10662671190083  
6" x 6" x 4" 192144 90 5 4.191 10662671190052

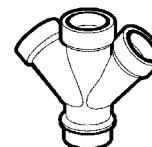
**SANITARY TEE,  
STREET,  
SPG x H x H**



6" x 6" x 4" 195144 90 5 4.173 10662671190663  
6" 195156 72 3 5.851 10662671190915

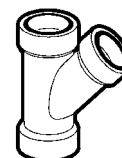
## 2.16 WYES

**DOUBLE WYE,  
STREET,  
SPG x H x H x H**



3" x 3" x 1-1/2" x 1-1/2"  
195376 320 10 1.193 10662671190960

**WYE, H x H x H**



6" 192306 36 2 7.427 10662671190748  
6" x 6" x 3" 192343 72 4 5.013 10662671191134  
6" x 6" x 4" 192344 72 4 5.099 10662671190755

## 2.17 TEST PLATE

**TEST PLATE,  
SPG**



4" 193764 7200 100 0.123 10662671193343

**APPROVALS  
UNLESS OTHERWISE  
NOTED, PRODUCTS ARE  
APPROVED/LISTED BY  
CSA INTERNATIONAL,  
NSF AND IAPMO TO  
STANDARDS THAT  
INCLUDE:**



CSA - B181.2



NSF - NORME 14



IAPMO - IS5, PS 146-99



ASTM - D2665, D1784. D3311

PVC DWV FITTINGS

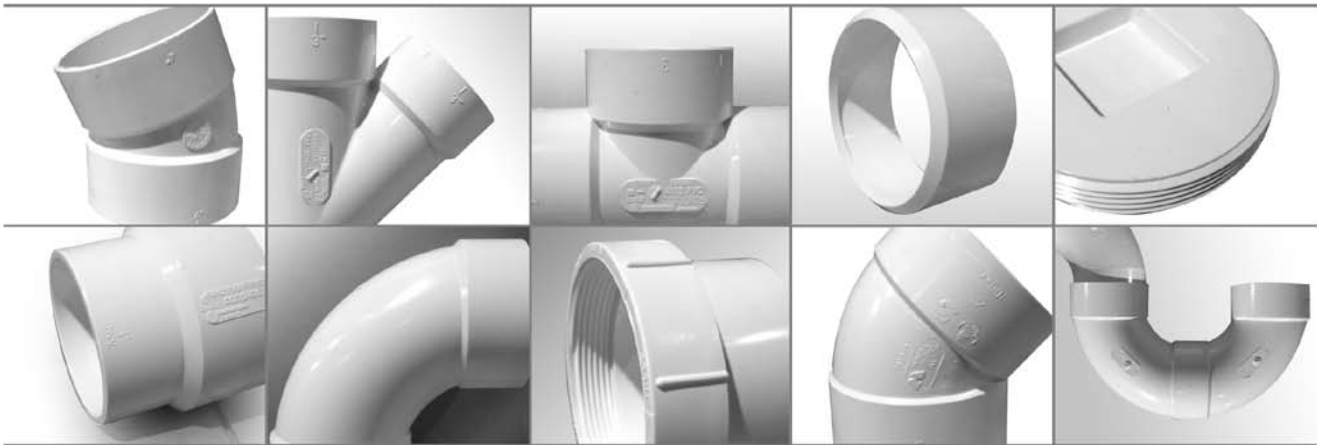
canplas®

## 3.0 **PVC** SEWER FITTINGS



# **canplas®** **PVC SEWER FITTINGS**

**PVC SEWER FITTINGS**



Canplas manufactures a wide range of standard sewer and drain fittings in tough and durable PVC (white) plastic. Available in sizes from 3" to 8", for all your drainage requirements.

**canplas®**



# 3.0 PVC SEWER FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

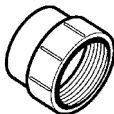
## 3.1 ADAPTERS

### DWV ADAPTER SLEEVE, DWV SPG x SEWER HUB, SPG x H



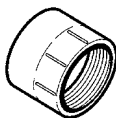
3" x 3"	412841BC	3600	50	0.117	11662671410012
4" x 4"	412842BC	1600	50	0.187	11662671410029
6" x 6"	412846BC	450	25	0.692	11662671410746

### FITTING CLEANOUT ADAPTER, SPG x FPT



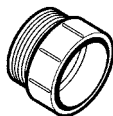
3"	414233BC	2160	45	0.284	11662671410425
4"	414234BC	1440	60	0.45	11662671410432
6"	414236BC	360	20	1.052	11662671411941
8"	414238BC	144	8	2.374	11662671412153

### FEMALE ADAPTER, H x FPT



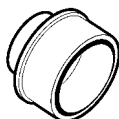
3"	414333BC	1680	35	0.355	11662671410593
4"	414334BC	960	20	0.569	11662671410609
6"	414336BC	270	15	1.199	11662671410777
8"	414338BC	72	1	2.626	11662671412207

### MALE ADAPTER, H x MPT



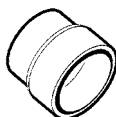
3"	414343BC	1920	40	0.276	11662671412214
4"	414344BC	1080	15	0.434	11662671410661

### CLAY PIPE ADAPTER



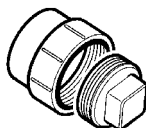
SEWER HUB x CLAY HUB					
4"	414250BC	432	9	0.342	11662671410487
SEWER HUB x CLAY SPIGOT					
4"	414249BC	720	15	0.467	11662671412160

### CORRUGATED PIPE ADAPTER, CORRUGATED PIPE x SEWER HUB



4" x 4"	414444BC	1152	24	0.417	11662671411729
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### FITTING CLEANOUT ADAPTER WITH PLUG, (GASKETED PLUG), SPG x FPT



3"	414273BC	1680	35	0.498	11662671410562
4"	414274BC	960	30	0.758	11662671410579
6"	414276BC	192	6	1.825	11662671412498

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 3.2 BUSHINGS

### DWV REDUCER BUSHING, SEWER SPG x DWV HUB, SPG x H



3" x 1-1/2"	414225BC	2592	18	0.276	11662671411705
3" x 2"	414229BC	3600	50	0.267	11662671411668
4" x 1-1/2"	414221BC	1920	40	0.331	11662671410371
4" x 2"	414222BC	1920	40	0.331	11662671410388
4" x 3"	414224BC	1920	60	0.423	11662671410401
4" x 4"	414230BC	960	20	0.45	11662671412139
6" x 3"	414327BC	432	24	1.34	11662671411798
6" x 4"	414231BC	216	12	1.268	11662671410685
6" x 6"	414232BC	216	12	1.834	11662671412146

### REDUCER BUSHING, SEWER SPG x SEWER HUB, SPG x H



3" x 2"	414220BC	2880	40	0.19	11662671411903
4" x 2"	414205BC	1440	20	0.353	11662671410821
4" x 3"	414223BC	1920	40	0.377	11662671410395
6" x 3"	414325BC	432	24	1.252	11662671411781
8" x 6"	414303BC	144	8	3.111	11662671411637

### EXTENDED REDUCER BUSHING, SPG x H



5" x 4"	414323BC	640	20	0.661	11662671412191
6" x 4"	414226BC	360	20	0.985	11662671410418
8" x 4"	414302BC	144	8	2.626	11662671410692

### REDUCER BUSHING, CHAMFERED SEWER SPG x SEWER HUB, SPG x H



8" x 4"	414484BC	144	8	3.124	11662671412283
8" x 6"	414486BC	90	5	0.293	11662671412290

### GASKETED BUSHING



5" x 4"	411242BC	640	20	0.807	11662671412603
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All Canplas PVC Sewer Fittings  
are supplied with bar coding.

PVC SEWER FITTINGS

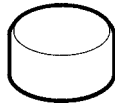
canplas®

# 3.0 PVC SEWER FITTINGS

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 3.3 CAPS

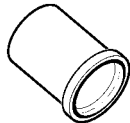
### CAP, HUB



3"	414263BC	2880	60	0.152	11662671410524
4"	414264BC	1600	50	0.28	11662671410531
6"	414266BC	540	30	0.948	11662671410548
8"	414268BC	128	4	2.5	11662671411569

## 3.4 CAST IRON ADAPTERS

### HUB ADAPTER, CAST IRON, ADAPTS SEWER SPIGOT TO CAST IRON HUB



4"	414248BC	360	20	0.717	11662671412467
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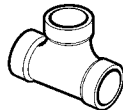
### NO HUB ADAPTER, CAST IRON, ADAPTS NO HUB ELASTOMER COUPLING TO SEWER SPIGOT



4"	414246BC	640	20	0.717	11662671410470
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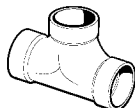
## 3.5 CLEANOUTS

### 2-WAY CLEANOUT (SEWER), H x H x H



4"	414155BC	180	10	1.711	11662671411590
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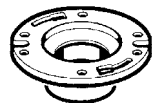
### 2-WAY CLEANOUT (SEWER x SEWER x DWV), H x H x H



4"	414150BC	180	10	1.7	11662671412085
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## 3.6 CLOSET FLANGES, ONE-PIECE PLASTIC

### CLOSET FLANGE, ONE-PIECE PLASTIC, SEWER HUB



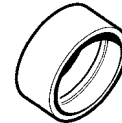
4" x 4"	414252BC	800	25	0.842	11662671410494
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All Canplas PVC Sewer Fittings  
are supplied with bar coding.

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

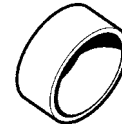
## 3.7 COUPLINGS

### COUPLING, H x H



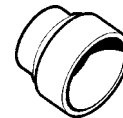
3"	414213BC	1600	50	0.203	11662671410319
4"	414214BC	990	55	0.373	11662671410326
6"	414216BC	240	10	1.246	11662671410333
8"	414215BC	48	1	3.999	11662671411620

### REPAIR COUPLING, H x H



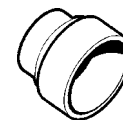
4"	414314BC	960	40	0.344	11662671411873
6"	414316BC	216	12	1.151	11662671411866

### DWV REDUCER COUPLING, SEWER HUB x DWV HUB, H x H



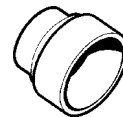
4" x 3"	414218BC	1200	25	0.467	11662671410357
4" x 4"	414210BC	720	15	0.534	11662671411606
6" x 4"	414227BC	360	20	1.279	11662671411613
6" x 6"	414228BC	180	10	1.79	11662671411743
3" x 1-1/2"	414201BC	2160	15	0.267	10662671412598
3" x 2"	414202BC	2160	15	0.267	10662671412581

### REDUCER COUPLING WITH PIPE STOP, SEWER HUB x SEWER HUB, H x H



4" x 3"	414217BC	1440	30	0.357	11662671410340
6" x 4"	414219BC	360	20	1.08	11662671410364
8" x 6"	414211BC	48	1	3	11662671412047
3" x 2"	414212BC	2160	15	-	11662671412627

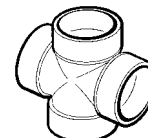
### PIPE INCREASER



8" x 4"	414209BC	144	8	2.875	11662671411682
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## 3.8 CROSSES

### CROSS, H x H x H x H



4"	414450BC	180	10	2.498	11662671411514
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PVC SEWER FITTINGS

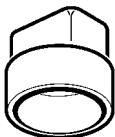
canplas®

# 3.0 PVC SEWER FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

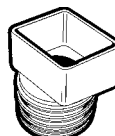
## 3.9 DOWNSPOUT ADAPTERS

**DOWNSPOUT ADAPTER,  
DOWNSPOUT x SEWER HUB,  
H x H**



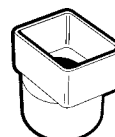
2" x 3" x 3"	414431BC	1280	40	0.388	11662671410791
2" x 3" x 4"	414432BC	1200	25	0.511	11662671410722
3" x 4" x 3"	414433BC	1170	65	0.43	11662671411712
3" x 4" x 4"	414434BC	540	30	0.553	11662671410715

**DOWNSPOUT ADAPTER  
FOR CORRUGATED PIPE,  
DOWNSPOUT x CORRUGATED,  
H x SPG**



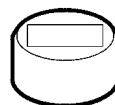
2" x 3" x 4"	414471BC	1024	32	0.406	11662671412276
3" x 4" x 4"	414473BC	768	24	0.5	11662671412511
4" x 6" x 6"	414474BC	192	6	1.334	11662671412528

**FLUSH DOWNSPOUT  
ADAPTER, DOWNSPOUT  
x SEWER HUB, H x H**



2" x 3" x 3"	414461BC	1728	36	0.249	11662671412238
2" x 3" x 4"	414462BC	960	20	0.41	11662671412245
3" x 4" x 4"	414463BC	768	24	0.5	11662671412252
4" x 6" x 6"	414464BC	256	8	1.25	11662671412269

**DOWNSPOUT ADAPTER,  
DOWNSPOUT TO  
CORRUGATED**



4" (2" x 3")	414494BC	1440	45	0.22	11662671412566
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## 3.9 DOWNSPOUT ADAPTERS

**1/16 BEND (22 1/2°),  
H x H**



3"	414203BC	1200	25	0.231	11662671410289
4"	414204BC	630	35	0.503	11662671410296
6"	414206BC	216	12	1.521	11662671410302
8"	414208BC	48	1	4.5	11662671412030

**1/16 BEND,  
STREET (22 1/2°),  
SPG x H**



3"	414293BC	936	13	0.309	11662671412443
4"	414294BC	540	30	0.5	11662671410654
6"	414296BC	180	10	1.451	11662671411736
8"	414298BC	72	4	4.751	11662671412177

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 3.10 ELBOWS/BENDS

**1/8 BEND (45°),  
H x H**



2"	414182BC	2160	30	0.265	11662671412122
3"	414183BC	1260	70	0.26	11662671410234
4"	414184BC	630	35	0.507	11662671410241
6"	414186BC	180	10	1.753	11662671410258
8"	414188BC	48	1	5.249	11662671410630

**1/8 BEND,  
STREET (45°),  
SPG x H**



3"	414193BC	1080	60	0.243	11662671410265
4"	414194BC	630	35	0.448	11662671410272
6"	414196BC	180	10	1.698	11662671411538
8"	414198BC	48	1	5.249	11662671412009

**1/4 BEND (90°),  
H x H**



2"	414162BC	1800	25	0.22	11662671412542
3"	414153BC	800	25	0.562	11662671410166
4"	414154BC	450	25	0.608	11662671410173
6"	414156BC	126	7	2.632	11662671410180
8"	414158BC	32	1	6.499	11662671411644

**1/4 BEND,  
STREET (90°),  
SPG x H**



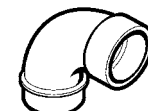
4"	414152BC	480	20	0.661	11662671411767
6"	414157BC	90	5	2.749	11662671410623
8"	414159BC	-	2	6.499	11662671412092

**LONG SWEEP  
1/4 BEND (90°),  
H x H**



3"	414163BC	720	40	0.434	11662671410197
4"	414164BC	360	20	1.021	11662671410203
6"	414166BC	72	4	3.931	11662671411651
8"	414168BC	36	2	8.001	11662671412108

**LONG SWEEP  
1/4 BEND, STREET (90°),  
SPG x H**



3"	414173BC	640	20	0.434	11662671410210
4"	414174BC	360	20	0.937	11662671410227
6"	414176BC	72	4	3.333	11662671411774
8"	414178BC	36	2	7.5	11662671412115

PVC SEWER FITTINGS

canplas®

# 3.0 PVC SEWER FITTINGS

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 3.11 GRATES

**INSERT DRAIN GRATE,  
SPG x DRAIN GRATE  
(FITS INSIDE SEWER FITTING HUB)**



3"	414253BC	3600	25	0.168	11662671410807
4"	414254BC	2400	50	0.357	11662671410500
6"	414256BC	480	15	1.4	11662671410753
8"	414258BC	144	3	3.666	11662671411699

## 3.12 P TRAPS

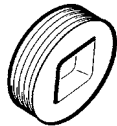
**P TRAP (SOLVENT WELD),  
H x H**



3"	414260BC	192	6	1.437	11662671410517
4"	414270BC	6	6	2.899	11662671410555

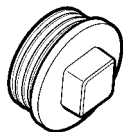
## 3.13 PLUGS

**COUNTERSUNK PLUG,  
THREADED, MPT**



4"	414240BC	4320	60	0.205	11662671410449
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**THREADED PLUG,  
MPT**



3"	414243BC	5400	75	0.203	11662671410456
4"	414244BC	2880	60	0.335	11662671410463
6"	414286BC	1200	25	0.774	11662671410586
8"	414288BC	144	1	1.376	11662671412504

## 3.14 SADDLE FITTINGS (TEES & WYES)

**SADDLE TEE,  
SOLVENT SKIRT x  
SOLVENT HUB**



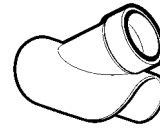
6" x 4"	414746BC	270	15	1.834	11662671412351
8" x 4"	414748BC	450	25	2.833	11662671412368
8" x 6"	414768BC	180	10	1.001	11662671412375

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 3.14 SADDLE FITTINGS (TEES & WYES)

CONTINUED..

**SADDLE WYE,  
SOLVENT SKIRT x  
SOLVENT HUB**



6" x 4"	414846BC	270	15	2	11662671410678
8" x 4"	414848BC	120	5	3	11662671412405
8" x 6"	414868BC	108	6	3.999	11662671412412

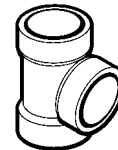
**STAINLESS STEEL CLAMP**



6"	414906BC	-	100	0.141	11662671412429
8"	414908BC	7200	100	0.161	11662671412436

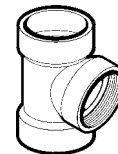
## 3.15 TEES

**TEE,  
H x H x H**



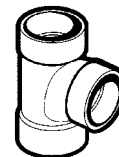
3"	414103BC	630	35	0.463	11662671410036
4"	414104BC	360	20	0.833	11662671410043
4" x 4" x 3"	414107BC	360	20	1.149	11662671410708
6"	414106BC	90	5	2.985	11662671410050
6" x 6" x 4"	414108BC	108	6	2.487	11662671410616
8"	414109BC	24	1	8.666	11662671411880
8" x 8" x 4"	414110BC	48	1	5.75	11662671411880
8" x 8" x 6"	414111BC	32	1	7	11662671411958

**CLEANOUT TEE,  
H x H x FPT**



4"	414105BC	270	15	1.001	11662671411750
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**SANITARY TEE,  
H x H x H**



3"	414123BC	450	25	0.617	11662671410074
4"	414124BC	216	12	1.12	11662671410081
6"	414126BC	72	3	4.568	11662671411491
6" x 6" x 4"	414125BC	90	5	3.102	11662671411835
8"	414127BC	18	1	11.01	11662671411972
8" x 8" x 4"	414128BC	36	2	6.499	11662671411989
8" x 8" x 6"	414129BC	36	2	8.501	11662671411804

All Canplas PVC Sewer Fittings  
are supplied with bar coding.

PVC SEWER FITTINGS

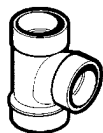
canplas®

# 3.0 PVC SEWER FITTINGS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

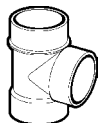
## 3.15 TEES CONTINUED..

### SANITARY TEE, STREET, SPG x H x H



4"	414120BC	216	12	2.183	11662671411965
6"	414826BC	90	5	4.321	11662671412399
6" x 6" x 4"	414825BC	144	8	2.879	11662671412382

### STREET TEE, SPG x H x H



4"	414114BC	360	20	0.816	11662671410067
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All Canplas PVC Sewer Fittings  
are supplied with bar coding.

## APPROVALS

UNLESS OTHERWISE NOTED, PRODUCTS ARE  
APPROVED/LISTED BY CSA INTERNATIONAL, NSF  
AND IAPMO TO STANDARDS THAT INCLUDE:



CSA - B181.2



IAPMO - IS5, IGC 166-201

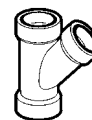


ASTM - D1784, D1729, D3034

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

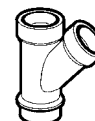
## 3.16 WYES

### WYE (45°), H x H x H



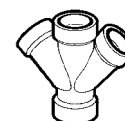
3"	414133BC	450	25	0.624	11662671410104
3" x 3" x 2"	414131BC	480	15	1.246	11662671412535
4"	414134BC	216	12	1.221	11662671410111
4" x 4" x 2"	414141BC	216	12	0.661	11662671410142
4" x 4" x 3"	414132BC	216	12	1.579	11662671410098
6"	414136BC	72	4	3.968	11662671410135
6" x 6" x 4"	414135BC	90	5	2.657	116626714101288
"	414137BC	18	1	11.001	11662671410647
8" x 8" x 4"	414138BC	48	1	6.499	11662671411927
8" x 8" x 6"	414139BC	18	1	8.001	11662671410739

### WYE, STREET (45°), SPG x H x H



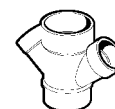
4"	414144BC	216	12	1.173	11662671410159
6"	414146BC	72	4	5	11662671412078
6" x 4"	414145BC	108	6	2.833	10662671412642

### DOUBLE WYE (45°), H x H x H x H



6" x 6" x 4" x 4"	414130BC	54	3	3.666	11662671411828
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### DOUBLE WYE, STREET (45°), SPG x H x H x H



6" x 6" x 4" x 4"	414140BC	54	3	3.666	11662671412061
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## WARNING

When joining plastic to metal, make every effort to avoid  
metal components threading into the plastic components.

We recommend that you use a plastic male fitting threaded  
into a female metal fitting, mechanical joint coupling or plastic flange  
to metal flange when connecting plastic to metal.

PVC SEWER FITTINGS

canplas®



## 4.0 **ABS/PVC** SPECIALTY PRODUCTS



**ABS/PVC SPECIALTY**

# canplas®

## SPECIALTY PLUMBING PRODUCTS



The industry's premier provider of plastic injection molded plumbing fittings, Canplas is also your single source for unique and innovative Specialty plumbing products. From industry-leading backwater valves, shower drains, a full line of tubular brass items, and more, Canplas is committed to meeting all your plumbing needs.

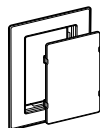
**canplas®**

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

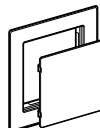
## 4.1 ACCESS PANELS

### 6" x 9" DELUXE ACCESS PANEL WITH FRAME



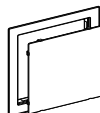
6" x 9" 134069 - 24 0.556 10662671130089

### 8" x 8" DELUXE ACCESS PANEL WITH FRAME



8" x 8" 134608 - 25 0.701 10662671130096

### 14" x 14" DELUXE ACCESS PANEL WITH FRAME



14" x 14" 134614 - 10 1.605 10662671130102

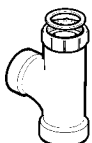
## 4.2 ADAPTERS

### 90° SINK STRAINER ADAPTER, H x STRAINER ADAPTER (WITH GASKET)



1-1/2" 112291A 3600 50 0.284 10662671113549  
1-1/2" 212291AW 3600 50 0.331 10662671210187

### SANITARY TEE SINK STRAINER ADAPTER, H x H x STRAINER ADAPTER (WITH GASKET)



1-1/2" 112191A 1600 50 0.284 10662671113556  
1-1/2" 212191AW 1600 50 0.353 10662671210101

### 90° TRAP ADAPTER, IDEAL FOR PEDESTAL SINKS, H x SLIP JOINT



1-1/2" x 1-1/4" 112286A 3600 50 0.137 10662671100594  
1-1/2" x 1-1/2" 112281A 3600 50 0.143 10662671110586  
1-1/2" x 1-1/4" 212286AW 3600 50 0.181 10662671210170  
1-1/2" x 1-1/2" 212281AW 3600 50 0.19 10662671210163

### SANITARY TEE ADAPTER, H x H x SLIP JOINT

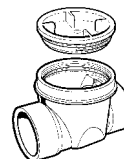


1-1/2" 112171A 1600 50 0.265 10662671113501  
1-1/2" 212171AW 1600 50 0.353 10662671210095

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.3 BACKWATER VALVES & ACCESSORIES

### BACKWATER VALVE



#### ABS -WITH DWV HUBS

1-1/2" 123281 1080 15 0.459 10662671120011  
2" 123282 1080 15 0.47 10662671120028  
3" 123283 320 10 1.373 10662671120035  
4" 123284 128 4 2.906 10662671120066  
6" 123286 48 1 6.834 10662671120196

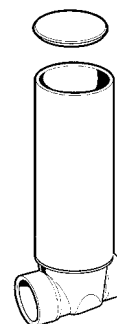
#### PVC (WHITE) - WITH DWV HUBS

1-1/2" 223281W 1080 15 0.617 10662671220018  
2" 223282W 1080 15 0.633 10662671220025  
3" 223283W 320 10 1.83 10662671220032  
4" 223284W 128 4 3.975 10662671220056  
6" 223286W 48 1 8.929 10662671220162

#### PVC (WHITE) - WITH SEWER HUBS

3" 223291W 320 10 2.064 10662671220186  
4" 223289W 144 2 4.348 10662671220124

### BACKWATER VALVE WITH 16" ACCESS SLEEVE & ABS LID



#### ABS -WITH DWV HUBS

1-1/2" 123271 - 1 0.904 10662671120370  
2" 123272 - 1 0.904 10662671120387  
3" 123287 84 1 2.606  
4" 123285 45 1 5.855

#### PVC (WHITE) -WITH DWV HUBS

1-1/2" 223271W - 4 1.058 10662671220223  
2" 223272W - 1 1.058 10662671220230  
3" 223287W 84 1 3.045 10662671220094  
4" 223285W 45 1 6.923 10662671220070

#### PVC (WHITE) -WITH SEWER HUBS

3" 223290W 84 1 3.278 10662671220179  
4" 223288W 45 1 7.297 10662671220117

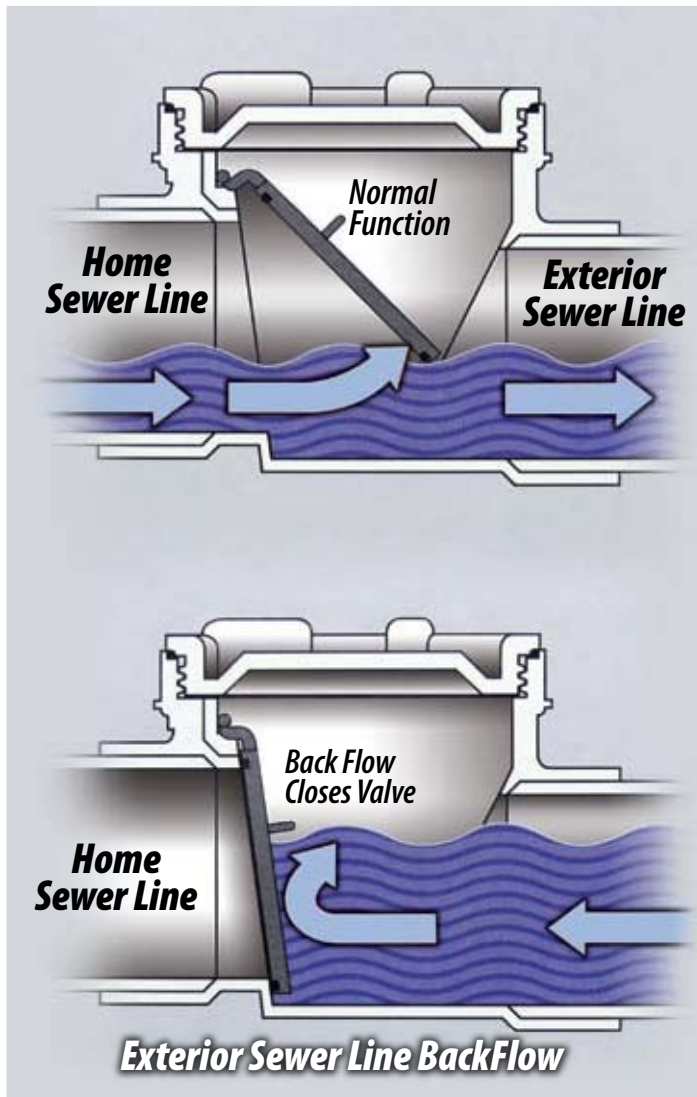
#### PVC (WHITE) -WITH CAST IRON LID

3" 223287WSC 84 1 3.045 10662971220480  
4" 223285WSC 45 1 6.923 10662671220490

ABS/PVC SPECIALTY

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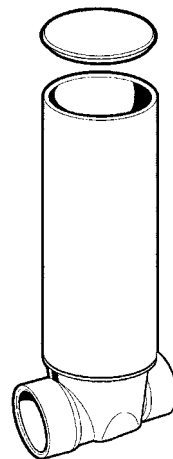
## 4.0 **ABS/PVC** SPECIALTY PRODUCTS



# canplas®

### **Backwater Valves**

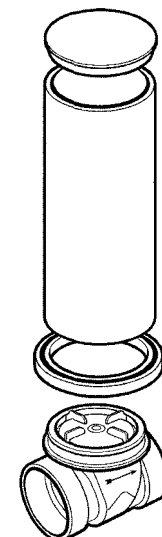
The backflow of sewage into homes and businesses is unpleasant, and typically expensive. Unfortunately this sort of personal disaster is all too common. Even more frustrating is the fact that it is unnecessary and easily preventable.



BWV  
with 16" Sleeve

#### **Canplas® Backwater Valve with 16" access sleeve kit**

Prepacked assembly with pipe sleeve and lid for improved shipping, handling and convenience.



Adapter  
Sleeve Kits

#### **Canplas® adapter sleeve kit**

Adapter sleeve fits 1 1/2", 2", 3" and 4" Backwater Valves. Kit includes an adapter sleeve, lid and adapter sleeve O-rings (1 1/2" and 2" model only). SDR pipe adapter allows contractor to utilise a off-cut length instead of throwing the pipe away.

**ABS/PVC SPECIALTY**

**canplas®**

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.3 BACKWATER VALVES & ACCESSORIES

### CLEAN CHECK™ EXTENDABLE BACKWATER VALVE



#### ABS - WITH DWV HUBS

3"	123273	-	1	5.505	10662671120448
4"	123274	-	1	6.204	10662671120455

#### PVC (WHITE) - WITH DWV HUBS

3"	223273W	-	1	7.205	10662671220285
4"	223274W	-	1	8.007	10662671220292
6"	223275W	-	-	14.991	10662671220520

#### REPLACEMENT FLAPPER

3" & 4"	123273-1	-	1	0.276	10662671120776
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NOTE: DWV Pipe and 6" DWV Female Adapter and 6" DWV Cleanout Plug not included. Used for deep burials up to 12 ft. Clean Check is a registered trademark of Clean Check Inc.

### PVC IN-LINE SPRING CHECK VALVE, 2 PSI SPRING ACTIVATION PRESSURE SOLVENT WELD

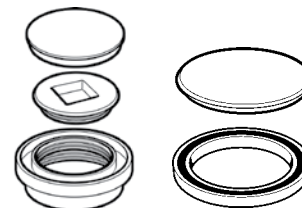


1/2"	213015	-	10	0.276	10662671213959
3/4"	213017	-	10	0.271	10662671213966
1"	213018	-	8	0.503	10662671213973
1-1/4"	213010	-	6	0.899	10662671213980
1-1/2"	213011	-	6	0.893	10662671213997
2"	213012	-	4	1.285	10662671214000

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.3 BACKWATER VALVES & ACCESSORIES

### BACKWATER VALVE SLEEVE KIT, FOR USE WITH SEWER PIPE (STANDARD, SDR35 OR SDR 28)



#### ABS

FOR 1-1/2" AND 2" BWV'S

	123302	1440	10	0.381	10662671120363
FOR 3" BWV	123303	1080	15	0.485	10662671120349
FOR 4" BWV	123304	480	10	0.944	10662671120356

#### CAST IRON, LID ONLY

FOR 3" BWV	123287-2C	-	1	2.535	10662671120790
FOR 4" BWV	123285-2C	-	1	3.858	10662671120783

#### PVC (WHITE)

FOR 1-1/2" AND 2" BWV'S

	223302W	1440	10	0.52	10662671220216
FOR 3"	223303W	1080	15	0.639	10662671220193
FOR 4"	223304W	480	10	1.288	10662671220209

#### CAST IRON LID, PVC ADAPTER

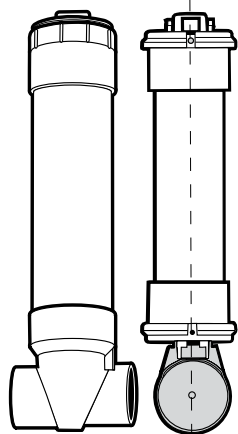
FOR 3" BWV	223303-2W	-	1	0.344	10662671220261
FOR 4" BWV	223304-2W	-	1	0.644	10662671220247

NOTE: For the Backwater Valve Sleeve Kit, an access sleeve can be cut:

- for the 3" Backwater Valve cut from 6" SDR 35 pipe
- for the 4" Backwater Valve cut from 8" SDR 35 pipe

The chart below outlines the nominal diameter of sewer pipe required for the Canplas Backwater Valve Sleeve Kits:

BWV Hub Size	Sewer Pipe Diameter
1-1/2"	4"
2"	4"
3"	6"
4"	8"



Clean Check™  
Extendable BWV

## Clean Check™ Backwater Valve



IAPMO Listed

The plumbing code states that Backwater Valve's need to be accessible for maintenance and service. Some national and local codes indicate that compliance can be achieved by housing a Backwater Valve within a masonry pit enclosed with an access lid. Unfortunately, installation costs to construct a pit can be expensive and inconvenient. New products have been introduced to the market to save time and money. A number of local code jurisdictions are now accepting Backwater Valve Sleeve Systems "as meeting the intent of the Code". Consult your local plumbing official or plumbing code to confirm compliance. Canplas has a full line of sleeve systems to meet the variety of demands and installation options.

### SHALLOW INSTALLATION

Great for installations within depths of 30" (arm's length), the Canplas Backwater Valve with 16" Sleeve Kits and Backwater Valve Access Sleeve Kit provide contractors with a couple of options for shallow installations.

### NEW! DEEP INSTALLATION

Clean Check™ extendable backwater valves. Ideal for interior/exterior installations in excess of 30". This design allows the flapper, which is connected to the inner sleeve, to be removed for inspection and service and reset with ease.

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# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE  
DIAMETER

PIPE

DESCRIPTION

PART #

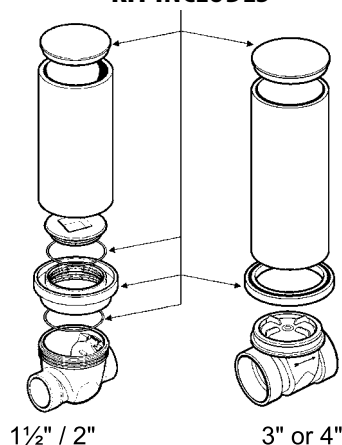
## 4.4 BACKWATER VALVE COMPONENTS ONLY

1-1/2" AND 2" VALVE	-	FLAPPER WITH GASKET & RETAINING RING	123281-2A
	-	FLAPPER-PVC WITH GASKET & RETAINING RING	223281-2WA
	-	CLEANOUT LID (ABS-BLACK) WITH O-RING	123281-3A
	-	CLEANOUT LID (PVC-WHITE) WITH O-RING	223281-3WA
	-	O-RING FOR CLEANOUT LID	123281-4
	4"	LID FOR SEWER PIPE* (BLACK)	123302-2
	4"	LID FOR SEWER PIPE* (WHITE)	223302-2W
3" VALVE	-	FLAPPER WITH O-RING	123283-2A
	-	O-RING FOR FLAPPER	123283-5
	-	CLEANOUT LID (ABS-BLACK) WITH O-RING	123283-3A
	-	CLEANOUT LID (PVC-WHITE) WITH O-RING	223283-3WA
	-	O-RING FOR CLEANOUT LID	123283-4
	5"	ACCESS SLEEVE~	123287-3
	5"	SLEEVE LID~	123287-2
	6"	SLEEVE LID~ (CAST IRON)	123287-2C
	6"	LID FOR SEWER PIPE* (BLACK)	123303-2
	6"	LID FOR SEWER PIPE* (WHITE)	223303-2W
4" VALVE	-	FLAPPER WITH O-RING	123284-2A
	-	O-RING FOR FLAPPER	123284-5
	-	CLEANOUT LID (ABS-BLACK) WITH O-RING	123284-3A
	-	CLEANOUT LID (PVC-WHITE) WITH O-RING	223284-3WA
	-	O-RING FOR CLEANOUT LID	123284-4
	7"	ACCESS SLEEVE~	123285-3
	7"	SLEEVE LID~	123285-2
	8"	SLEEVE LID~ (CAST IRON)	123285-2C
	8"	LID FOR SEWER PIPE* (BLACK)	123304-2
	8"	LID FOR SEWER PIPE* (WHITE)	223304-2W
6" VALVE	-	FLAPPER WITH O-RING	123286-2A
	-	O-RING FOR FLAPPER	123286-4
	-	CLEANOUT LID (ABS-BLACK) WITH O-RING	123286-3A
	-	CLEANOUT LID (PVC-WHITE) WITH O-RING	223286-3WA
	-	O-RING FOR CLEANOUT LID	123286-4
	10"	LID FOR SEWER PIPE* (WHITE)	223286-6W

NOTES: (\*) Sewer pipe above is Standard SDR35

(~) Canplas access sleeves are a special diameter pipe; standard SDR35 pipe will not connect to the Backwater Valves (except the 6" BWV) without the use of the Canplas sleeve kit.

### KIT INCLUDES



### BACKWATER VALVE SLEEVE KIT

#### ► material

- Injection molded in ABS and PVC.

#### ► function

- Provides a connection for standard sewer pipe to the Canplas Backwater Valve, in order to add an access extension sleeve.

#### ► features

- Adapter sleeve fits onto the collar of the 3" and 4" BWV and threads onto the 1 1/2" and 2" BWV.
- Kit includes both adapter sleeve, lid and adapter sleeve O-rings (1 1/2" and 2" model only).

#### ► benefits

- Allows pipe of any length to be used to create an access sleeve, eliminating the need to purchase a 16" access sleeve.
- Allows the contractor to make use of pipe off-cuts, instead of throwing the pipe away.
- Requires less storage space than a BWV with a 16" access sleeve.

ABS/PVC SPECIALTY

canplas®



# 4.0 ABS/PVC SPECIALTY PRODUCTS

ABS/PVC SPECIALTY



## Dimensions

PART NUMBER	SIZE	CTN. QTY.	A	B	C	D	E
112011 (ABS)	1-1/2" & 2"	10	2-1/8"	2-1/4"	~4-7/8"	1-1/2"	2"
212011 (PVC)	1-1/2" & 2"	10	2-1/8"	2-1/4"	~4-7/8"	1-1/2"	2"

## Installation

- Install in accessible, ventilated location within four branch intervals from top of primary vent.
- AAV will vent fixtures on the same floor, connected to a horizontal branch line only.
- AAV must be located a minimum 4" above the horizontal branch drain line (or 6" above insulation).
- AAV must be installed not exceeding 15 degrees of plumb vertical.
- Use approved pipe joint compound on NPT threads.
- AAV shall NOT be used as a relief vent on chemical waste systems, or within supply/return air plenums.

### SIZE - 1-1/2" & 2"

PART #	CTN. QTY.
ABS: 112011	10
PVC: 212011	10

### SIZE - 3", 4" COMING SOON!

PART #	CTN. QTY.
ABS: 112013	10
PVC: 212013	10

canplas®

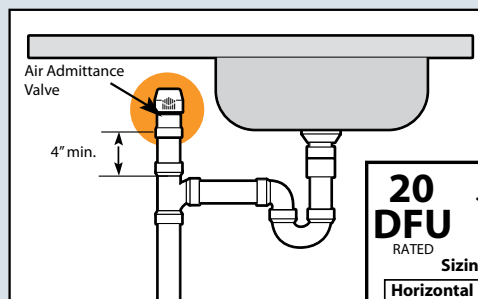
## Air Admittance Valves

Allow air to enter the drainage system, while preventing sewer gases from escaping, without the need to connect to an external vent. AAV opens under negative pressure in the piping system and closes under gravity and/or positive system pressures.

**Ideal for:** Island kitchen sinks  
• New renovations

## Benefits

- Eliminate the hassle and expense of connecting drain fixtures to an external vent line.
- PermOseal® AAV is smaller in overall footprint than other units, saving space and offering greater installation flexibility.
- Innovative PVC or ABS adapter accepts either 1-1/2" or 2" DWV Pipe, and coming soon, the 3", 4" model!



<b>20 DFU</b> RATED		• when venting 3" DWV & smaller
<b>Sizing Chart</b>		
Horizontal Branch Size	Max DFUs	
1-1/2"	3	
2"	6	
3"	20	

canplas®

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.5 AIR ADMITTANCE VALVES

### PERMOSEAL AIR ADMITTANCE VALVES



#### ABS

1-1/2" & 2" 112011 - 10 0.128 10662671117158

#### PVC (WHITE)

1-1/2" & 2" 212011 - 10 0.130 10662671214185

## 4.6 BELL TRAP DRAINS

### BELL TRAP DRAIN, SQUARE 9", SOLVENT WELD, HUB



#### ABS

4" 332159 - 10 1.647 10662671330915

#### PVC (WHITE)

4" 332159W - 10 2.238 10662671320718

### BELL TRAP DRAIN, SQUARE 9", SOLVENT WELD, FITS OVER 3" OR INSIDE 4" SCHEDULE 40 DWV PIPE



#### ABS

3", 4" 332158 - 10 1.57 10662671330922

#### PVC (WHITE)

3", 4" 332158W - 10 2.138 10662671320725

### BELL TRAP DRAIN, SQUARE 6", SOLVENT WELD, FITS OVER 1-1/2" OR INTO 2" HUB CONNECTION



#### ABS

1-1/2", 2" SPG 332155 - 10 0.463 10662671330939

#### PVC (WHITE)

1-1/2", 2" SPG 332155W - 10 0.591 10662671320732

### BELL TRAP DRAIN, SQUARE 6", SOLVENT WELD, FITS OVER 2" OR INSIDE 3" SCHEDULE 40 DWV PIPE



#### ABS

2", 3" 332156 - 10 0.5 10662671330946

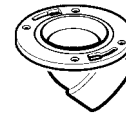
#### PVC (WHITE)

2", 3" 332156W - 10 0.631 10662671320749

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.7 CLOSET FLANGES

### 45° DISCHARGE CLOSET FLANGE, HUB



#### ABS

4" x 3" 113628~ 640 20 0.668 10662671103311

4" x 3" 113628M\*\* 640 20 0.772 10662671108743

4" x 3" 113628SS\* 640 20 0.772 10662671119152

4" x 3" 113635~ 384 12 0.833 10662671119053

4" x 3" 113635M\*\* 384 12 1.056 10662671119060

4" x 3" 113635SS\* 384 12 1.056 10662671119176

#### PVC

4" x 3" 213628W~ 640 20 0.884 10662671210507

4" x 3" 213628MW\*\* 640 20 0.992 10662671210491

4" x 3" 213628WSS\* 640 20 1.06 10662671210996

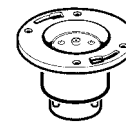
4" x 3" 213635W~ 384 12 1.193 10662671210934

4" x 3" 213635MW\*\* 384 12 1.276 10662671210941

4" x 3" 213635WSS\* 384 12 1.276 10662671211016

NOTE: (~) With plastic ring (\*) With stainless steel ring (\*\*) With metal ring

### CLOSET FLANGE KIT FOR CONCRETE, HUB FOR USE IN SLAB ON GRADE W.C. INSTALLATIONS



#### WITH TEST PLATE

4" x 3" ABS 113650A 384 12 1.252 10662671103359

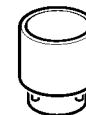
4" x 3" PVC 213650AW 384 12 1.444 10662671210538

#### WITHOUT TEST PLATE

4" x 3" ABS 113650B 384 12 1.202 10662671106619

4" x 3" PVC 213650WB 384 12 1.362 10662671210545

### ADAPTER ONLY FOR CLOSET FLANGE KIT FOR CONCRETE, H x SPG



4" x 3" ABS 113650-1 576 12 0.694 10662671119015

4" x 3" PVC 213650-1W - 12 0.939 10662671213775

### CLOSET FLANGE SPACER RING



4" ABS 119180-002 3600 25 0.225 10662671113532

4" PVC 219180-002W 3600 25 0.302 10662671210682

### ENDURA® STAINLESS STEEL CLOSET FLANGE REPAIR RING



4" x 3" 133608\* - 1 0.789 10662671130027

\*Fits most 4" x 3" Closet Flanges with adjustable rings (metal or plastic)

ABS/PVC SPECIALTY

canplas®

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.7 CLOSET FLANGES CONTINUED..

### 3" OR 4" OFFSET 2" CLOSET FLANGE



ABS					
3" x 4"	113645	-	20	0.657	10662671110470
PVC					
3" x 4"	213645W	-	20	0.871	10662671213935

### CAST BRASS CLOSET FLANGE REPAIR RING (3-SLOT)



4"	132046BR	-	50	0.683	10662671130034
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### ADJUSTABLE CLOSET FLANGE (CAST ALUMINUM RING)



ABS					
3" x 4"	113631AL	-	10	0.794	10662671116731
PVC					
3" x 4"	213631WAL	-	10	0.871	10662671213942

### WITH EASY OPEN LID



ABS					
3" x 4"	113631ALEO	-	10	0.798	10662671117035
PVC					
3" x 4"	213631WALEO	-	10	0.877	10662671214048

### CLOSET FLANGES, ADJUSTABLE



#### HUB END WITH ADJUSTABLE METAL RING

ABS					
4"	113611M	960	30	0.694	10662671117066
4" x 3"	113614M	800	25	0.772	10662671117073
PVC (WHITE)					
4"	213611MW	960	30	0.694	10662671214086
4" x 3"	213614MW	800	25	0.772	10662671214079

#### HUB END, FLUSH FIT WITH ADJUSTABLE PLASTIC RING

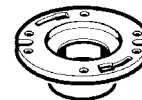


PVC (WHITE)					
4" x 3"	213627W	800	25	0.635	10662671214130

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.7 CLOSET FLANGES CONTINUED..

### CLOSET FLANGE, ONE-PIECE PLASTIC



#### HUB

ABS					
4" x 3"	113633	800	25	0.569	10662671117103
PVC (WHITE)					
4" x 3"	213633W	800	25	0.745	10662671214093

### WITH MOLDED TEST PLATE



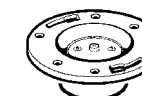
ABS					
4" x 3"	113632	800	25	0.613	10662671117059
PVC (WHITE)					
4" x 3"	213632W	800	25	0.816	10662671214109

### HUB - FLUSH FIT



ABS					
4"	113603	800	25	0.494	10662671117097
4" x 3"	113631*	800	25	0.52	10662671117080
PVC (WHITE)					
4"	213603W	800	25	0.653	10662671214062
4" x 3"	213631W*	-	25	0.75	10662671214055

### WITH MOLDED TEST PLATE



PVC (WHITE)					
4" x 3"	213631TW*	800	25	0.741	10662671214123

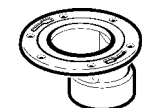
### WITHOUT PIPE STOP



ABS					
4" x 3"	113631X	800	25	0.494	10662671117080
PVC (WHITE)					
4" x 3"	213631XW	800	25	0.677	10662671214147

\* Fits over 3" or inside 4" Sch. 40 DWV Pipe.

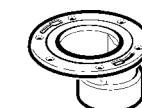
### OFFSET CLOSET FLANGE



#### WITH ADJUSTABLE METAL RING, HUB

ABS					
4" x 3"	113639M	600	25	0.968	10662671117110

#### WITH ADJUSTABLE STAINLESS STEEL RING, HUB



PVC (WHITE)					
4" x 3"	213639WSS	600	25	1.188	10662671214178

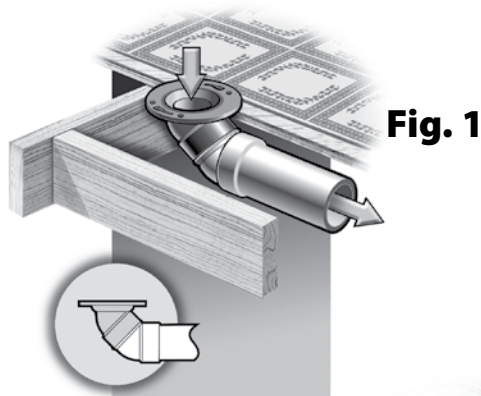
## WARNING

Canplas recommends  
sponge rubber and wax gaskets only for  
use with all closet flanges.

ABS/PVC SPECIALTY

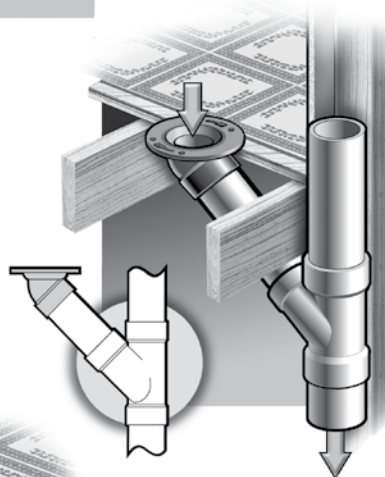
canplas®

# 4.0 ABS/PVC SPECIALTY PRODUCTS

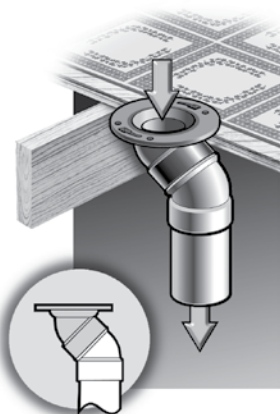


**Fig. 1**

**Fig. 2**



**Fig. 3**



- Injection molded in PVC (White) or ABS.
- Adjustable rings available in PVC or ABS, stainless steel, and metal coated with appliance-grade baked enamel.

## canplas® 45° Adjustable Closet Flange

- Provides more flexibility and less flow restriction than an offset closet flange, with lower clearance requirements than a standard flange/bend combination.

### Features

- Lower clearance requirements than any other standard flange/elbow combination (Fig. 1). When combined with short turn H x Spg 45° elbows, the 4" x 3" and 4" x 4" models have a total depth of 5 9/16" and 6 5/8" respectively.
- Depending on local codes, using this item (as in Fig. 2) may save a fitting.
- The double 45° connections (Fig. 1 & 3) provide more versatility than an offset closet flange and less restriction to flow, which is important with the new low flush toilets.

ABS/PVC SPECIALTY

PART #	DESCRIPTION	MATERIAL	SIZE	CTN. QTY.
113635*†#	w/Plastic Ring	ABS (Black)	4" x 4"	12
213635W*#	w/Plastic Ring	PVC (White)	4" x 4"	12
113628SS*†#	w/Stainless Steel Ring	ABS (Black)	4" x 3"	20
213628WSS*#	w/Stainless Steel Ring	PVC (White)	4" x 3"	20
113635SS*†#	w/Stainless Steel Ring	ABS (Black)	4" x 4"	12
213635WSS*#	w/Stainless Steel Ring	PVC (White)	4" x 4"	12
113635ALE0†#	w/Cast Aluminum Ring	ABS (Black)	4" x 3"	10



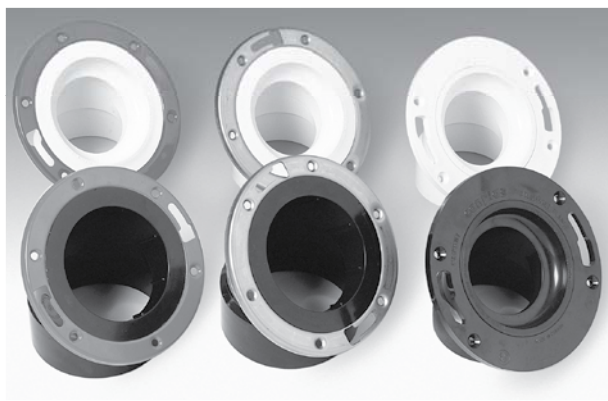
\* NSF Certified



† CSA Certified



# IAPMO Listed



U.S. Patent: 6,052,839

canplas®



# 4.0 **ABS/PVC** SPECIALTY PRODUCTS

**ABS/PVC SPECIALTY**



- No more hammers
- No more damage!

**New!**

**canplas<sup>®</sup>EO**

**No Hammer-  
Easy Open**

**Test Cap Closet Flanges**



## **ABS**

PART #	SIZE	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)
Hub with Adjustable Ring				
113614EO	4 x 3	-	25	0.551
Spigot with Adjustable Ring (1-1/2" spigot Length)				
113616EO	4 x 3	-	25	0.511
Extended Spigot with Adjustable Ring (3-1/2" spigot)				
113617EO	4 x 3	-	25	0.688
Hub with Adjustable Ring				
113624EO	4 x 3	-	25	0.578
45° Offset Flange				
113628EO	4 x 3	-	20	0.668

## **PVC WHITE**

PART #	SIZE	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)
Hub with Adjustable Ring				
213624WEO	4 x 3	-	25	0.622
45° Offset Flange				
213628WEO	4 x 3	-	20	0.884

**New! Innovative test membrane** from Canplas<sup>®</sup> enables mess-free removal of the test membrane after a water test.

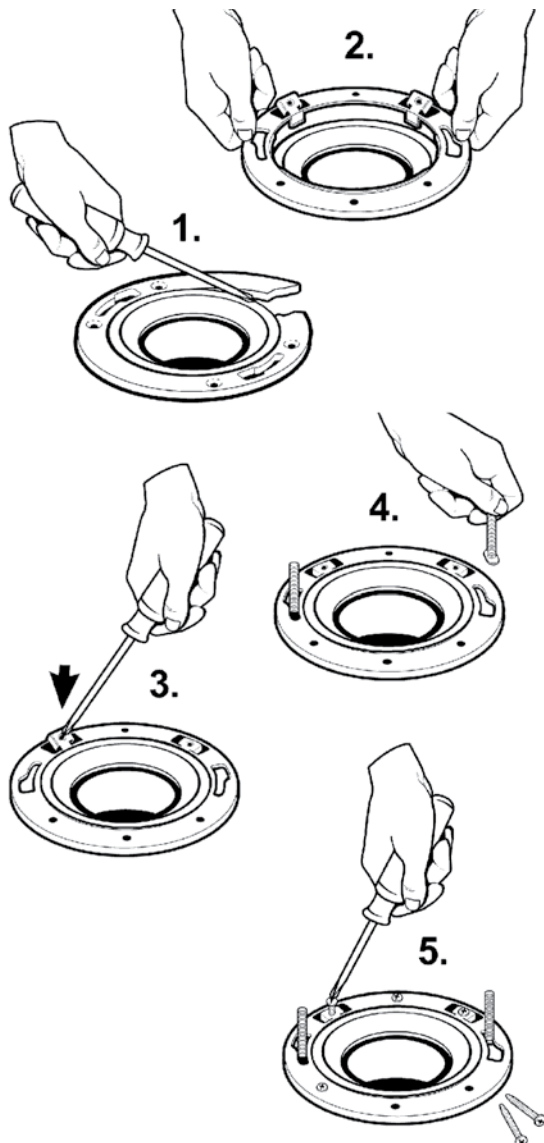
Simply remove the membrane with a knife after the system is tested.

• Patent Pending

**canplas<sup>®</sup>**



## 4.0 **ABS/PVC** SPECIALTY PRODUCTS



### **Installation Instructions**

1. Remove the damaged closet flange ring.
2. Slide the protruding lip on the interior edge of the Endura<sup>®</sup> Repair Ring into the grooved channel of the flange body, lay the ring flat on the floor then rotate the ring until the closet bolt slots are in the desired position.
3. Using a screwdriver, bend the Endura<sup>®</sup> Repair Ring "claws" into the grooved channel of the closet flange body to clamp it in place.
4. Insert the toilet bolts in the closet bolt slots.
5. Fasten screws to the floor through the holes located on the ring and on the "claws". Re-install toilet.



### **Stainless Steel Closet Flange Repair Ring**

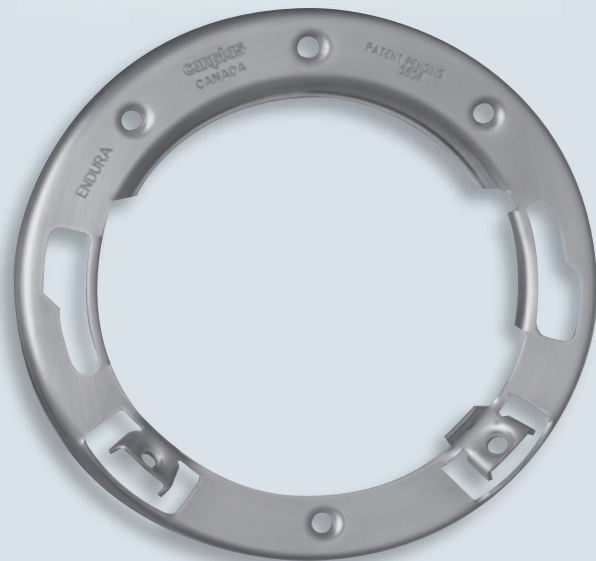
- *Replaces broken or damaged adjustable ring on closet flanges.*

#### **Features**

- One-piece construction.
- Made of stainless steel.
- Replaces both metal and plastic closet flange rings with an inside diameter greater than 5".
- Is adjustable like the original ring.
- Grade 304-2B stainless steel.

#### **Benefits**

- Stronger than two-piece repair rings.
- Will not rust (paint coated flanges are susceptible to rust).
- Paint coating not required.
- Adjustable for ease of installation.



**ABS/PVC SPECIALTY**

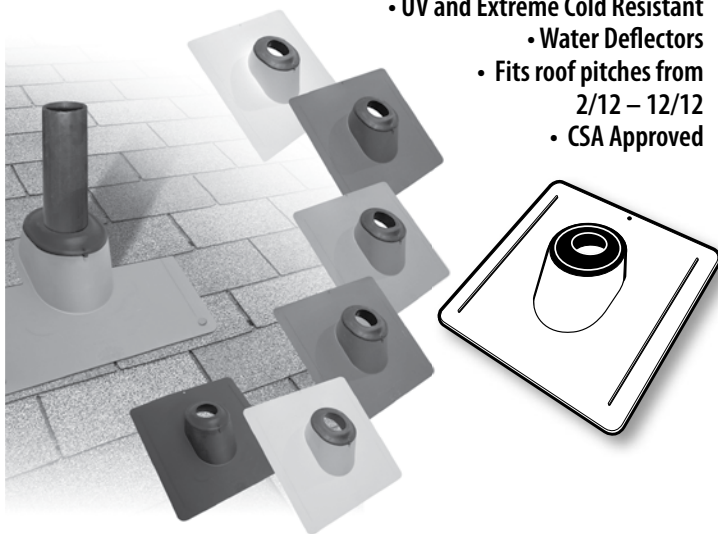
**canplas<sup>®</sup>**

# 4.0 ABS/PVC SPECIALTY PRODUCTS

## 4.8 ROOF FLASHINGS

### NEW! THERMOPLASTIC BASE FLASHING

- UV and Extreme Cold Resistant
- Water Deflectors
- Fits roof pitches from 2/12 – 12/12
- CSA Approved

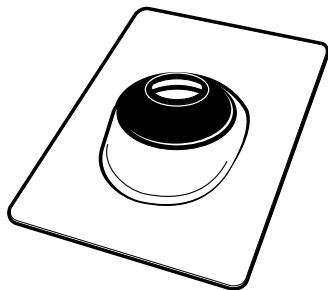


**New Colors**

Available in White, Brown, Green, Gray, Weatherwood & Black.

COLOR	PART #	SKID QTY.	CTN. QTY.	WT.CTN. (LBS.)	CARTON BAR CODE
<b>PIPE SIZE 1.5" FLANGE SIZE 13" x 9-1/4"</b>					
Black	551201BL	-	12	0.406	10662671610215
Brown	551201BR	-	12	0.406	10662671610376
Gray	551201G	-	12	0.406	10662671610291
Green	551201GN	-	12	0.406	10662671610697
White	551201W	-	12	0.406	10662671610635
Weatherwood	551201WW	-	12	0.406	10662671610550
<b>PIPE SIZE 2" FLANGE SIZE 13" x 9-1/4"</b>					
Black	551202BL	-	12	0.401	10662671610222
Brown	551202BR	-	12	0.401	10662671610383
Gray	551202G	-	12	0.401	10662671610307
Green	551202GN	-	12	0.401	10662671610703
White	551202W	-	12	0.401	10662671610642
Weatherwood	551202WW	-	12	0.401	10662671610567
<b>PIPE SIZE 3" FLANGE SIZE 15" x 12"</b>					
Black	551203BL	-	12	0.666	10662671610239
Brown	551203BR	-	12	0.666	10662671610390
Gray	551203G	-	12	0.666	10662671610314
Green	551203GN	-	12	0.666	10662671610710
White	551203W	-	12	0.666	10662671610611
Weatherwood	551203WW	-	12	0.666	10662671610574
<b>PIPE SIZE 4" FLANGE SIZE 15-1/2" x 12"</b>					
Black	551204BL	-	12	0.701	10662671610246
Brown	551204BR	-	12	0.701	10662671610406
Gray	551204G	-	12	0.701	10662671610321
Green	551204GN	-	12	0.701	10662671610727
White	551204W	-	12	0.701	10662671610659
Weatherwood	551204WW	-	12	0.701	10662671610581

### METAL BASE FLASHING



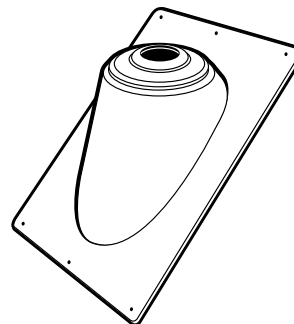
### ALUMINUM BASE

COLOR	PART #	SKID QTY.	CTN. QTY.	WT.CTN. (LBS.)	CARTON BAR CODE
<b>PIPE SIZE 1.5" FLANGE SIZE 12" x 8-3/4"</b>					
Black	552201	-	12	0.419	
<b>PIPE SIZE 2" FLANGE SIZE 12" x 8-3/4"</b>					
Black	552202	-	12	0.419	10662671610468
<b>PIPE SIZE 3" FLANGE SIZE 14-1/2" x 10-3/4"</b>					
Black	552203	-	12	0.573	10662671610475
<b>PIPE SIZE 4" FLANGE SIZE 15-1/2" x 11-3/4"</b>					
Black	552204	-	-	-	-

### GALVANIZED BASE

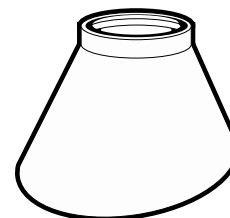
COLOR	PART #	SKID QTY.	CTN. QTY.	WT.CTN. (LBS.)	CARTON BAR CODE
<b>PIPE SIZE 1.5" FLANGE SIZE 12" x 8-3/4"</b>					
Black	552201GALV	-	12	0.701	
<b>PIPE SIZE 2" FLANGE SIZE 12" x 8-3/4"</b>					
Black	552202GALV	-	12	0.701	
<b>PIPE SIZE 3" FLANGE SIZE 14-1/2" x 10-3/4"</b>					
Black	552203GALV	-	12	1.012	

### STEEP ROOF FLASHING



COLOR	PART #	SKID QTY.	CTN. QTY.	WT.CTN. (LBS.)	CARTON BAR CODE
<b>PIPE SIZE 1.5" - 3" FLANGE SIZE 11-1/4" x 19"</b>					
Black	5511930	-	6	1.250	
<b>PIPE SIZE 3" - 4" FLANGE SIZE 13" x 20-1/8"</b>					
Black	5511931	-	6	1.250	10662671610208

### O-GUARD™ ROOF FLASHING SEAL PROTECTOR



COLOR	PART #	SKID QTY.	CTN. QTY.	WT.CTN. (LBS.)	CARTON BAR CODE
<b>PIPE SIZE 3"</b>					
Black	5503	-	-	-	-

ABS/PVC SPECIALTY

canplas®

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 4.9 GENERAL PURPOSE UTILITY DRAINS

**GENERAL PURPOSE UTILITY DRAIN, SQUARE 6",**  
SOLVENT WELD, FITS OVER 1-1/2" OR INTO 2" HUB CONNECTION



ABS					
1-1/2", 2" SPG	332145	-	10	0.428	10662671330953
PVC (WHITE)					
1-1/2", 2" SPG	322145W	-	10	0.551	10662671320756

**GENERAL PURPOSE UTILITY DRAIN, SQUARE 6",**  
SOLVENT WELD, FITS OVER 2" OR INSIDE 3" SCHEDULE 40 DWV PIPE



ABS					
2", 3"	332146	-	10	0.467	10662671330960
PVC (WHITE)					
2", 3"	322146W	-	10	0.591	10662671320763

**GENERAL PURPOSE UTILITY DRAIN, SQUARE 9",**  
SOLVENT WELD, FITS OVER 3" OR INSIDE 4" SCHEDULE 40 DWV PIPE



ABS					
1-1/2", 2" SPG	332148	-	10	1.413	10662671330977
PVC (WHITE)					
1-1/2", 2" SPG	322148W	-	10	1.909	10662671320770

**GENERAL PURPOSE UTILITY DRAIN, SQUARE 9",**  
SOLVENT WELD, HUB



ABS					
4"	332149	-	10	1.499	10662671330984
PVC (WHITE)					
4"	322149W	-	10	2.03	10662671320787

**GENERAL PURPOSE DRAIN WITH 4" STAINLESS STEEL STRAINER,** SOLVENT WELD, FITS OVER 2" OR INSIDE 3" SCHEDULE 40 DWV PIPE



ABS					
2", 3"	331972SS	-	20	0.384	10662671330885
PVC (WHITE)					
2", 3"	321972WSS	-	20	0.467	10662671320688

**GENERAL PURPOSE UTILITY DRAIN, SQUARE 9",**  
SOLVENT WELD, FITS OVER 3" OR INSIDE 4" SCHEDULE 40 DWV PIPE

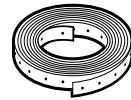


ABS					
3", 4"	332147SS	-	10	0.496	10662671330892
PVC (WHITE)					
3", 4"	322147WSS	-	10	0.611	10662671320695

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 4.10 HANGER STRAPS

**3/4" PLASTIC HANGER STRAP**



3/4" x 10'	130710	-	100	0.185	10662671130041
3/4" x 25'	130725	-	40	0.390	10662671130058
3/4" x 50'	130750	-	30	0.776	10662671130065
3/4" x 100'	1307100	-	20	1.543	10662671130072

## 4.11 P.O. PLUGS

**1-1/4" P.O. PLUG 1-PIECE WITH PLUG & CHAIN, TUBULAR BRASS, 22 GAUGE CHROME PLATED**



334000	-	25	0.386	10662671332780
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**1-1/4" P.O. PLUG 2-PIECE WITH PLUG & CHAIN, BLACK ABS WITH STAINLESS STEEL FLANGE**



334002	-	50	0.287	10662671332797
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**1-1/4" P.O. PLUG 2-PIECE WITH PLUG & CHAIN, CHROME PLATED ABS WITH STAINLESS STEEL FLANGE**



334003	-	50	0.287	10662671332803
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**1-1/4" P.O. PLUG 2-PIECE WITH PLUG & CHAIN, CHROME PLATED WITH BRASS STRAINER**



334004	-	25	0.882	10662671332810
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ABS/PVC SPECIALTY

canplas®

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.11 P.O. PLUGS CONTINUED..

### 1-1/4" P.O. PLUG 3-PIECE FOR WHEELCHAIR LAVS, 17 GAUGE TAILPIECE WITH PLUG AND CHAIN



CHROME STRAINER

334006 - 25 1.764 10662671332827

POLISHED BRASS STRAINER

334007 - 25 1.764 10662671332834

### 1-1/4" P.O. PLUG WITH CAST BRASS GRID STRAINER, 17 GAUGE TAILPIECE



CHROME PLATED

334009 - 25 0.794 10662671332841

POLISHED BRASS

334010 - 25 0.794 10662671332858

### 1-1/4" P.O. PLUG WITH CAST BRASS GRID STRAINER AND ELBOW, 17 GAUGE TAILPIECE, FOR WHEELCHAIR LAVS



CHROME PLATED

334011 - 25 1.764 10662671332865

### 1-1/4" C.O. PLUG WITHOUT OVERFLOW, WITH PLUG AND CHAIN



1-PIECE 22 GAUGE TUBULAR CHROME TAILPIECE

334014 - 25 0.794 10662671332872

2-PIECE 20 GAUGE CAST BRASS STRAINER CHROME PLATED

334015 - 25 0.794 10662671332889

POLISHED BRASS

334016 - 25 0.794 10662671332896

### 1-1/4" C.O. PLUG WITHOUT OVERFLOW, 17 GAUGE, CAST BRASS GRID STRAINER



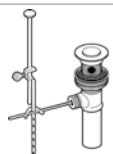
2-PIECE CHROME PLATED TAILPIECE

334017 - 25 0.794 10662671332902

3-PIECE CHROME PLATED TAILPIECE WITH ELBOW FOR WHEELCHAIR LAVS

334018 - 25 1.764 10662671332919

### 1-1/4" POP-UP P.O. PLUG



CHROME PLATED, WITH OVERFLOW

334019 - 25 1.323 10662671332926

PVD POLISHED BRASS, WITH OVERFLOW

334020 - 25 1.323 10662671332933

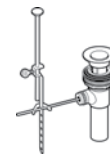
BRUSHED NICKEL, WITH OVERFLOW

334022 - 25 1.323 10662671332940

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.11 P.O. PLUGS CONTINUED..

### 1-1/4" POP-UP P.O. PLUG



3-PIECE, CHROME PLATED, WITH OVERFLOW

334023 - 25 1.146 10662671332957

3-PIECE BODY, CHROME PLATED, WITHOUT OVERFLOW

334024 - 50 1.235 10662671332964

2-PIECE BODY, UPPER BRASS BODY, LOWER ABS BODY, INCLUDES BRASS NUT, SLIP WASHER AND PUTTY RING

332930COBR- 50 0.661 10662671332971

## 4.12 GREAT WHITE® SHOWER DRAINS

LOW PROFILE SHOWER DRAINS, FOR TILED SHOWER BASINS, CSA APPROVED, CHILD-FRIENDLY GRATES



METAL



PLASTIC



METAL

ROUND GRATE - SS=STAINLESS STEEL; PB=POLISHED BRASS

ABS

1-1/2"	332241	480	10	0.805	10662671330342
1-1/2"	332241SS	480	10	0.849	10662671330168
1-1/2"	332241PB	480	10	0.849	10662671330427
2"	332242	480	10	0.805	10662671330359
2"	332242SS	480	10	0.849	10662671330366
2"	332242PB	480	10	0.849	10662671330441

PVC (WHITE)

1-1/2"	322241W	480	10	1.025	10662671320220
1-1/2"	322241WSS	480	10	1.069	10662671320411
1-1/2"	322241WPB	480	10	1.069	10662671320404
2"	322242W	480	10	1.025	10662671320237
2"	322242WSS	480	10	1.069	10662671320244
2"	322242WPB	480	10	1.069	10662671320428

4" SQUARE GRATE - SS=STAINLESS STEEL; PB=POLISHED BRASS

ABS

1-1/2"	332341SS	480	10	0.849	10662671330571
1-1/2"	332341PB	480	10	0.849	10662671330649
2"	332342SS	480	10	0.849	10662671330533
2"	332342PB	480	10	0.809	10662671330656

PVC (WHITE)

1-1/2"	322341WSS	480	10	0.849	10662671320527
1-1/2"	322341WPB	480	10	0.849	10662671320619
2"	322342WSS	480	10	0.758	10662671320626
2"	322342WPB	480	10	0.937	10662671320633

ABS/PVC SPECIALTY

canplas®



# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.12 GREAT WHITE® SHOWER DRAINS

**SHOWER DRAIN WITH FEMALE THREADED BODY  
SOLVENT WELD, H x DRAIN GRATE, CSA APPROVED,  
CHILD-FRIENDLY GRATES**



METAL



PLASTIC

### ABS

1-1/2"	332041	1800	25	0.375	10662671330137
1-1/2"	332041SS	1800	25	0.401	10662671330205
1-1/2"	332041PB	1800	25	0.423	10662671330151
2"	332042	1800	25	0.375	10662671330175
2"	332042SS	1800	25	0.401	10662671330755
2"	332042PB	1800	25	0.423	10662671330199

### PVC (WHITE)

1-1/2"	322041W	1800	25	0.45	10662671320121
1-1/2"	322041WSS	1800	25	0.476	10662671320152
1-1/2"	322041WPB	1800	25	0.45	10662671320145
2"	322042W	1800	25	0.45	10662671320251
2"	322042WSS	1800	25	0.476	10662671320190
2"	322042WPB	1800	25	0.45	10662671320183

**45° OFFSET SHOWER DRAIN WITH  
FEMALE THREADED BODY,  
SOLVENT WELD, H x DRAIN GRATE,  
CSA APPROVED, CHILD-FRIENDLY GRATES**



ABS - SS=STAINLESS STEEL; PB=POLISHED BRASS

2" / 1-1/2"	332542	1152	8	0.408	10662671330458
2" / 1-1/2"	332542SS	1152	8	0.441	10662671330465
2" / 1-1/2"	332542PB	1152	8	0.441	10662671330489

PVC (WHITE) - SS=STAINLESS STEEL; PB=POLISHED BRASS

2" / 1-1/2"	322542W	1152	8	0.421	10662671320442
2" / 1-1/2"	322542WSS	1152	8	0.516	10662671320459
2" / 1-1/2"	322542WPB	1152	8	0.516	10662671320473

**SNAP-IN STRAINER GRATE FOR SHOWER DRAINS  
FITS 1-1/2" AND 2" GREAT WHITE SHOWER DRAINS**

**SQUARE GRATE (EXCLUSIVE CHILD-SAFE DRAIN GRATE PATTERN)**



METAL

STAINLESS STEEL

331943-2SS	-	1	0.104	10662671330809
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POLISHED BRASS

331943-2PB	-	1	0.11	10662671330793
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**ROUND GRATE**



PLASTIC

PVC

321942-2W	72	1	0.084	10662671320053
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STAINLESS STEEL

331942-2SS	-	1	0.104	10662671330786
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METAL

POLISHED BRASS

331942-2PB	-	1	0.126	10662671330779
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SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.12 GREAT WHITE® SHOWER DRAINS

**ECONOMY FIBERGLASS  
SHOWER DRAIN WITH  
STAINLESS STEEL STRAINER,  
SOLVENT WELD,  
H x DRAIN GRATE**



### ABS

2"	331982SS	-	20	0.527	10662671330991
2"	331982PB	-	20	0.882	10662671331417

### PVC (WHITE)

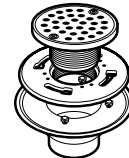
2"	321982WSS	-	20	0.661	10662671320794
2"	321982PB	-	20	0.882	10662671320947

**BRASS NO-CAULK  
SHOWER DRAIN WITH  
SNAP-IN STAINLESS  
STEEL STRAINER**



2"	331952SS	-	20	1.292	10662671330861
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**ECONOMY LOW-PROFILE  
BOLT-DOWN SHOWER DRAIN WITH  
STAINLESS STEEL STRAINER**



### ABS

2" & 3"	331957SS	-	20	0.73	10662671330878
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### PVC (WHITE)

2" & 3"	321957WSS	-	20	0.926	10662671320671
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**ECONOMY OFFSET FIBERGLASS  
SHOWER DRAIN WITH  
STAINLESS STEEL STRAINER**



### ABS

2"	331962SS	-	30	0.637	10662671330908
----	----------	---	----	-------	----------------

### PVC (WHITE)

2"	321962WSS	-	30	0.772	10662671320701
----	-----------	---	----	-------	----------------



**canplas®**  
**GREAT WHITE  
DRAINS**

Designed and  
manufactured with  
innovative features for  
superior performance,  
quality and value above  
the competition.

**ABS/PVC SPECIALTY**

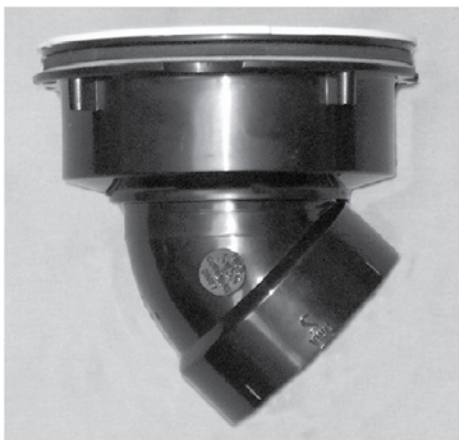
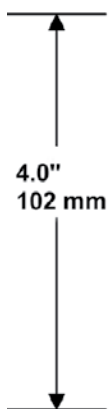
**canplas®**



# 4.0 ABS/PVC SPECIALTY PRODUCTS

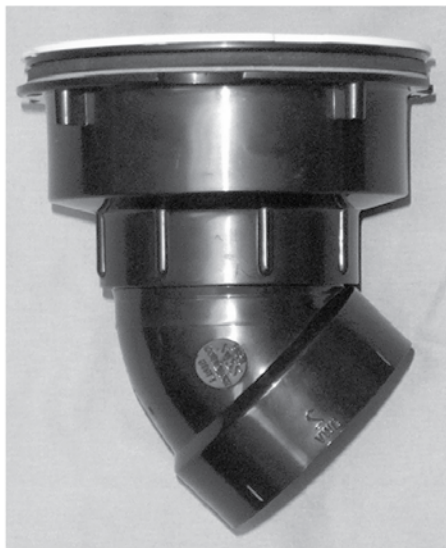
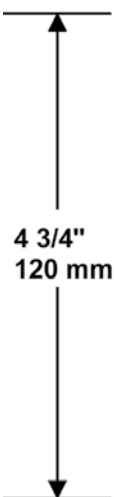
ABS/PVC SPECIALTY

## NEW Installation



2.0" 45° Shower Drain

## OLD Installation



2.0" Shower Drain  
with 2" Hub x Spigot 45°

### Material

Injection molded in ABS (Black) and PVC (White).  
Cover available in White PVC, Stainless Steel or Polished Brass.



## canplas® GREAT WHITE DRAINS 45° Shower Drain

- Provide a drain for water from a shower when the installation depth is restricted or obstructed.

### Features

- Designed with 45 (degree) discharge.
- Hub connection.
- Available in four different snap-in covers.
- No screws required to secure cover.

### Benefits

- Reduces clearance by  $\frac{3}{4}$ " (18 mm) for 45° applications (refer to diagram).
- Attractive finish (no screws).
- No spigot by hub 45° elbow required.
- Eliminates one glue joint and possible area for leaking.

PART #	SIZE	DESCRIPTION	CTN. QTY.
ABS			
332542	2" / 1-1/2"	W/WHITE STRAINER	8
332542SS	2" / 1-1/2"	W/STAINLESS STEEL STRAINER	8
332542PB	2" / 1-1/2"	W/POLISHED BRASS STRAINER	8
PVC (WHITE)			
332542W	2" / 1-1/2"	W/WHITE STRAINER	8
332542WSS	2" / 1-1/2"	W/STAINLESS STEEL STRAINER	8
332542WPB	2" / 1-1/2"	W/POLISHED BRASS STRAINER	8

CSA certification and IAPMO Listing (Pending)

canplas®

# 4.0 ABS/PVC SPECIALTY PRODUCTS

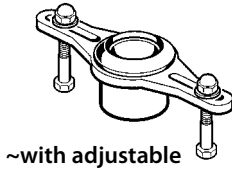
SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.13 URINAL FLANGES

### URINAL FLANGE KIT



\* with 4" center



~with adjustable  
center 4" - 7"

#### ABS SPIGOT

2"	113660*	1200	25	0.694	10662671118759
2"	113661~	1440	20	0.717	10662671118766

#### ABS HUB

2"	113662*	1800	25	0.414	10662671110104
2"	113663~	1440	20	0.428	10662671119213

#### ABS FPT

2"	113664*	1440	20	0.419	10662671110111
2"	113665~	960	20	0.437	10662671110128

#### PVC (WHITE) SPIGOT

2"	213660W*	1200	25	0.75	10662671212891
2"	213661W~	1440	20	0.772	10662671212907

#### PVC (WHITE) HUB

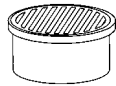
2"	213662W*	1200	25	0.454	10662671213799
2"	213663W~	1440	20	0.428	10662671213812

#### PVC (WHITE) FPT

2"	213664W*	1800	25	0.465	10662671213836
2"	213665W~	960	20	0.489	10662671213850

## 4.14 UTILITY DRAINS, CLEANOUTS & DRAIN GRATES

### LIGHT DUTY UTILITY DRAIN, SOLVENT WELD HUB



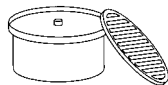
#### ABS

3"	332143	720	10	0.677	10662671330052
4"	332144	432	6	1.027	10662671330069

#### PVC (WHITE)

3"	322143W	720	10	0.787	10662671320060
4"	322144W	432	6	1.202	10662671320077

### LIGHT DUTY UTILITY DRAIN WITH TEST PLATE, SOLVENT WELD HUB



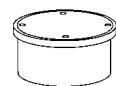
#### ABS

3"	332143T	720	10	0.701	10662671330076
4"	332144T	432	6	1.076	10662671330083

#### PVC (WHITE)

3"	322143TW	720	10	0.82	10662671320084
4"	322144TW	432	6	1.254	10662671320091

### LIGHT DUTY UTILITY DRAIN WITH TEST PLATE, SOLVENT WELD HUB



#### ABS

3"	332143C	720	10	0.772	10662671330090
4"	332144C	432	6	1.213	10662671330106

#### PVC (WHITE)

3"	322143WC	720	10	0.882	10662671320107
4"	322144WC	432	6	1.389	10662671320114

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.14 UTILITY DRAINS, CLEANOUTS & DRAIN GRATES

### PIPE END DRAIN GRATE, SPIGOT



#### PVC (WHITE)

2"	321842W	12250	50	0.04	10662671320268
3"	321843W	7200	50	0.066	10662671320206
4"	321844W	3600	25	0.143	10662671320213

#### PVC (GRAY)

2"	321842	12250	50	0.04	10662671320367
3"	321843	7200	50	0.066	10662671320374
4"	321844	3600	25	0.137	10662671320381

## 4.15 CAST COVERALL DRAINS & CLEANOUTS

### CAST COVERALL CLEANOUTS



#### IPS SPUDS WITH 6" ROUND COVER & RING

##### ABS

3", 4"	333502CRNB	-	4	3.159	10662671333268
3", 4"	333502CRPB	-	4	3.159	10662671333251

##### PVC (WHITE)

3", 4"	323502WCRNB	-	4	3.336	10662671321081
3", 4"	323502WCRPB	-	4	3.336	10662671321074



#### IPS SPUDS WITH 7" SQUARE & 5" ROUND COVER

##### ABS

3", 4"	333554CNB	-	4	4.449	10662671333282
3", 4"	333554CPB	-	4	4.493	10662671333275

##### PVC (WHITE)

3", 4"	323554WCNB	-	4	4.625	10662671321104
3", 4"	323554WCPB	-	4	4.669	10662671321098

### CAST COVERALL DRAINS



#### IPS PLASTIC SPUDS WITH 6" ROUND STRAINER & RING

##### ABS

3", 4"	333502NBM	-	4	0.035	10662671333220
3", 4"	333502PBM	-	4	2.703	10662671333213

##### PVC (WHITE)

3", 4"	323502WNBM	-	4	2.903	10662671321043
3", 4"	323502WPBM	-	4	2.879	10662671321036



#### IPS PLASTIC SPUDS WITH 7" SQUARE & 5" STRAINER

##### ABS

3", 4"	333550NBM	-	4	4.017	10662671333244
3", 4"	333550PBM	-	4	3.964	10662671333237

##### PVC (WHITE)

3", 4"	323550WNBM	-	4	4.193	10662671321067
3", 4"	323550WPBM	-	4	4.14	10662671321050

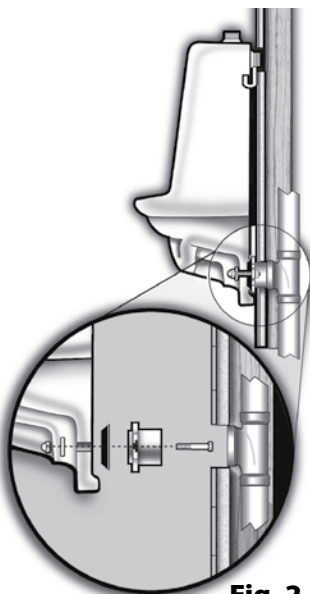
ABS/PVC SPECIALTY

canplas®

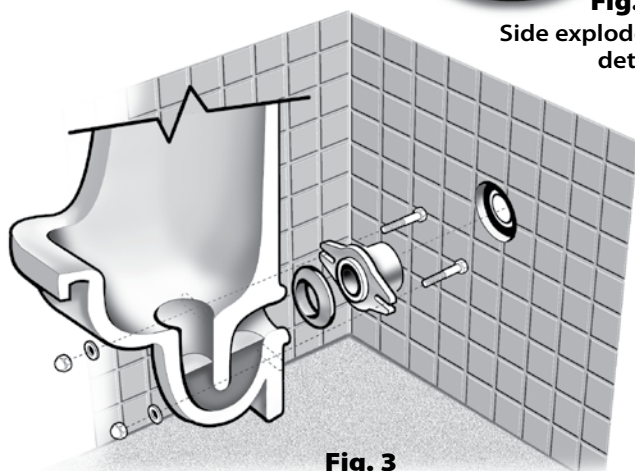
# 4.0 ABS/PVC SPECIALTY PRODUCTS



**Fig. 1**  
Front flange  
detail



**Fig. 2**  
Side exploded  
detail



**Fig. 3**  
Exploded urinal flange

Kits come individually packaged with installation instructions on header card, plastic urinal flange, foam gasket, stainless steel bolts, washers and nuts.

## canplas<sup>®</sup> Urinal Flange Kit

- Used to provide a seal between 2" internally trapped urinals and drainage system.

### Features

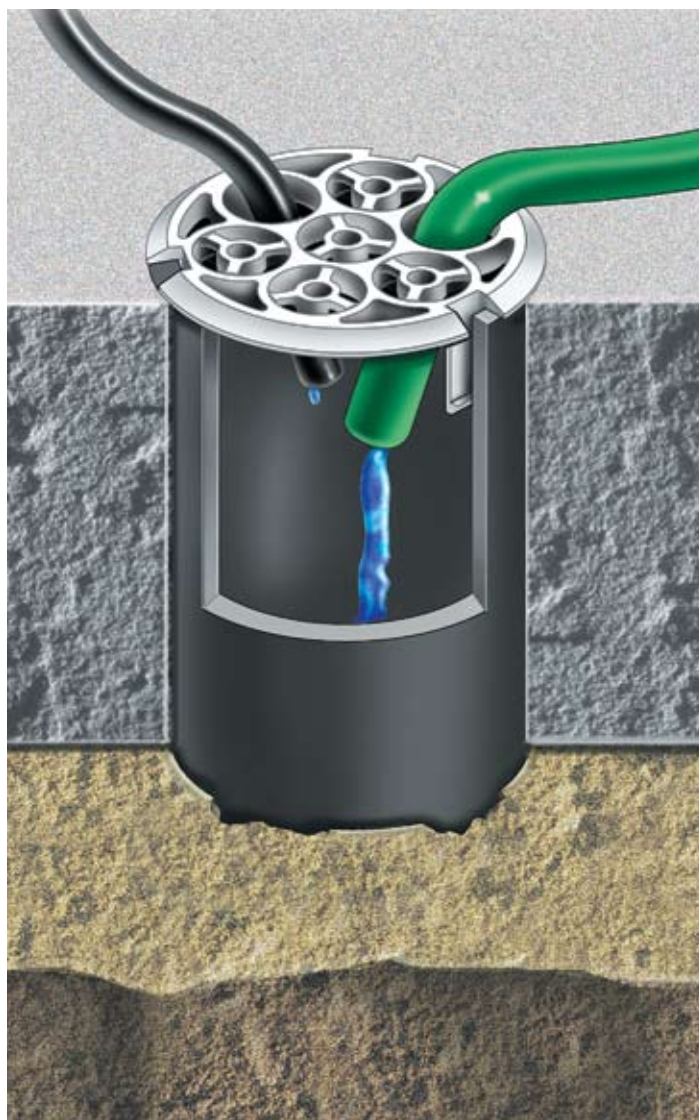
- Flanges are made of corrosion resistant ABS and PVC plastic. They will not rot out like traditional urinal flanges providing longer life and fewer health concerns.
- 2" connections available in Hub, Spigot and Female Threaded versions making Canplas urinal flange kits adaptable to a variety of systems.
- Each Canplas urinal kit comes complete with all the necessary mounting hardware. This complete kit eliminates missing or back-ordered parts.
- The Canplas urinal flange has an adjustable 4" - 7" center which can be cut easily to accommodate the requirements of most applications.
- The flange is reinforced with a cross rib to prevent the fork from spreading.
- Ease of installation as illustrated in figures 1 through 3 (long ear cut to accommodate 4" center shown), lowers labor costs and increases job turnaround time.
- Thick foam gasket provides a positive seal, reducing the potential for leaks.
- Injection molded in ABS (Black) and PVC (White) function.

PART #	MATERIAL	DESC.	CTN. QTY.
<b>Long Ear – 2.0" (Adjustable Center: 4" - 7")</b>			
113661	ABS (Black)	Spigot	20
113662	ABS (Black)	Hub	25
113663	ABS (Black)	Hub	20
113664	ABS (Black)	FPT	20
113665	ABS (Black)	FPT	20
213661W	PVC (White)	Spigot	20
213662W	PVC (White)	Hub	25
213663W	PVC (White)	Hub	20
213664W	PVC (White)	FPT	25
213665W	PVC (White)	FPT	20





## 4.0 **ABS/PVC** SPECIALTY PRODUCTS



Consult your local plumbing official or plumbing code to confirm compliance.

PART #	MATERIAL	SIZE	CARTON QTY.
321842W	PVC (White)	2"	50
321843W	PVC (White)	3"	50
321844W	PVC (White)	4"	25
321842	PVC (Gray)	2"	50
321843	PVC (Gray)	3"	50
321844	PVC (Gray)	4"	25

# canplas®

## **Pipe End Drain Grate**

- Floor drain grate that fits inside ABS or PVC DWV pipe (Schedule 40), sewer pipe or cast iron drainage pipe.

### **Features**

- Will not bend.
- Will not rust or corrode.
- Has knockouts for drainage hoses from high efficiency gas appliances, air conditioners, dehumidifiers, etc.
- No sharp edges.
- Injection molded in PVC (White and Gray)

### **Installation**

- Cut pipe flush with floor and insert grate.
- To insert hose(s), cut spokes or knockout using side cutters (beware of cross connections).



**ABS/PVC SPECIALTY**

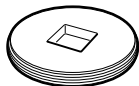
**canplas®**

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

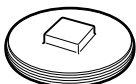
## 4.16 CLEANOUT PLUGS

### BRASS RECESSED HEAD CLEANOUT PLUGS, MPT



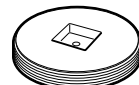
3"	333063BR	-	50	0.461	10662671331110
3-1/2"	333064BR	-	50	0.71	10662671331127
4"	333067BR	-	50	0.571	10662671331134

### BRASS RAISED HEAD CLEANOUT PLUGS, MPT



3"	333053BR	-	50	0.492	10662671331141
3-1/2"	333054BR	-	50	0.653	10662671331004
4"	333056BR	-	50	0.602	10662671331103

### PLASTIC RECESSED HEAD CLEANOUT PLUGS, MPT

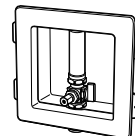


1-1/2"	113061BL	-	200	0.035	10662671110517
2"	113062BL	-	200	0.037	10662671110524
3"	113063BL	-	200	0.073	10662671110531
2-1/2"	113065BL	-	200	0.051	10662671110548
3-1/2"	113067BL	-	200	0.097	10662671110555
4-1/2"	113068BL	-	200	0.154	10662671110562
5-1/2"	113069BL	-	100	0.278	10662671110579
7"	113070BL	-	100	0.384	10662671116755

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 4.17 OULET BOXES

### ICE MAKER OUTLET BOX



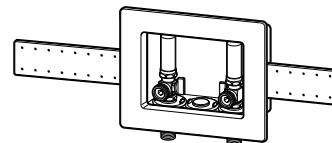
#### WITH VALVES

-	135025WIR	-	10	0.904	10662671130331
-	135025PEX	-	10	0.904	10662671130348
-	135025CPVC	-	10	0.904	10662671130355
-	135025MIP	-	10	0.904	10662671130362

#### WITH VALVES & HAMMER ARRESTORS

-	135026WIR	-	10	1.190	10662671130379
-	135026PEX	-	10	1.190	10662671130386
-	135026CPVC	-	10	1.190	10662671130393
-	135026MIP	-	10	1.190	10662671130409

### WASHING MACHINE OUTLET BOX



#### WITH VALVES

-	134520WIR	-	10	1.609	10662671130256
-	134505PEX	-	10	1.609	10662671130263
-	134509CPVC	-	10	1.190	10662671130270
-	134513MIP	-	10	1.609	10662671130287

#### WITH VALVES & HAMMER ARRESTORS

-	134521WIR	-	10	2.712	10662671130294
-	134524PEX	-	10	2.712	10662671130300
-	134519CPVC	-	10	2.712	10662671130317
-	134523MIP	-	10	2.712	10662671130324

## Washing Machine Outlet Boxes

Innovative design provides left,  
center and right waste options.

### Features and Benefits:

- Knockouts accept either waste or water lines.
- E-Z Turn Quarter Turn Ball Valves. Durable brass resists cracking and corrosion.
- Valve meets or exceeds A112.18.1 standard.
- Built-in test cap.
- Easy to install -- adjustable faceplate.
- Available with or without hammer arrestors.
- IAPMO (UPC) Approved.

Dimensions: **Box:** 6-1/2" x 7-5/8"

**Faceplate:** 10-3/8" x 8-7/16".



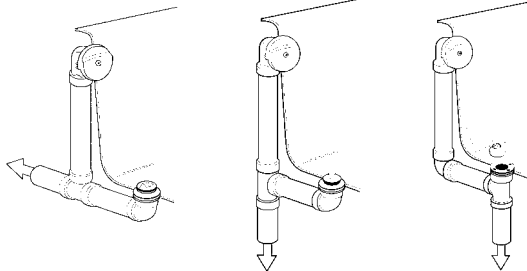


# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.18 WASTE & OVERFLOW

### GREAT WHITE® WASTE & OVERFLOW - CONVERTIBLE



Indirect Rear Outlet Configuration Indirect Configuration Direct Configuration

#### ABS - WITHOUT PIPE

##### PLUG & CHAIN (CHROME TRIM)

1-1/2" 332914 800 25 0.849 10662671330496

##### LIFT & TURN (CHROME TRIM)

1-1/2" 332916 800 25 1.105 10662671330502

##### LIFT & TURN (PVD BRASS TRIM)

1-1/2" 332916PVD 800 25 1.105 10662671330519

##### POP UP (CHROME TRIM) WITH PIPE

1-1/2" 332918 800 25 0.873 10662671330526

#### PVC (WHITE) - WITHOUT PIPE

##### PLUG & CHAIN (CHROME TRIM)

1-1/2" 322914W 800 25 0.891 10662671320480

##### LIFT & TURN (CHROME TRIM)

1-1/2" 322916W 800 25 1.144 10662671320497

##### LIFT & TURN (PVD BRASS TRIM)

1-1/2" 322916PVDW 800 25 1.144 10662671320503

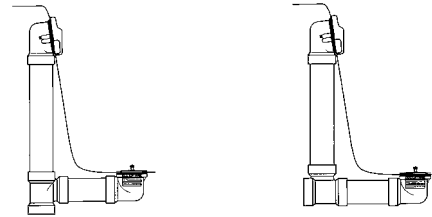
##### POP UP (CHROME TRIM) WITH PIPE

1-1/2" 322918W 800 25 0.915 10662671320510

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.18 WASTE & OVERFLOW CONTINUED..

### GREAT WHITE® WASTE & OVERFLOW - INDIRECT



Indirect Bottom Outlet Configuration Indirect Rear Outlet Configuration

#### ABS - WITHOUT PIPE

##### PLUG & CHAIN (CHROME TRIM)

1-1/2" 332814 800 25 0.966 10662671330601

##### LIFT & TURN (CHROME TRIM)

1-1/2" 332816 800 25 1.221 10662671330618

##### LIFT & TURN (PVD BRASS TRIM)

1-1/2" 332816PVD 800 25 1.402 10662671330625

##### POP UP (CHROME TRIM)

1-1/2" 332818 800 25 0.99 10662671330632

#### PVC (WHITE)- WITHOUT PIPE

##### PLUG & CHAIN (CHROME TRIM)

1-1/2" 322814W 800 25 0.959 10662671320572

##### LIFT & TURN (CHROME TRIM)

1-1/2" 322816W 800 25 0.886 10662671320589

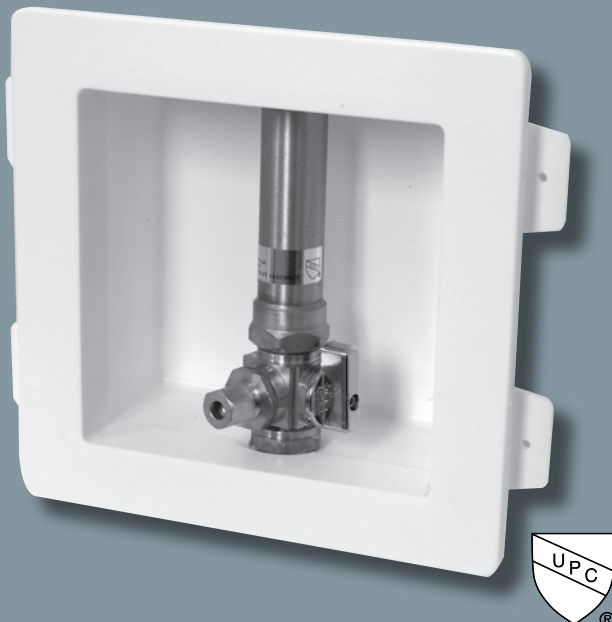
##### LIFT & TURN (PVD BRASS TRIM)

1-1/2" 322816PVDW 800 25 0.441 10662671320596

##### POP UP (CHROME TRIM)

1-1/2" 322818W 800 25 0.985 10662671320602

NOTE: Does not include sanitary tee.



## Ice Maker Outlet Boxes With Valve

### Features and Benefits:

- Slim-line profile for 1" backing.
- Ribbed walls add support for greater strength and better alignment.
- Adjustable faceplate accommodates up to 5/8" wall thickness.
- Front and back nailing tabs assure solid installation.
- Constructed of high-impact plastic.
- Valve meets or exceeds ASME A112.18.1 standard.
- Available with or without hammer arresters.
- IAPMO (UPC) approved.

Dimensions: **Box:** 5-3/16" x 5-3/16" x 2-1/2"

**Faceplate:** 6-13/16" x 6-13/16"

ABS/PVC SPECIALTY

canplas®

# 4.0 **ABS/PVC** SPECIALTY PRODUCTS

**ABS/PVC SPECIALTY**



NOTE: Does not include sanitary tee.

## ABS

PART #	CTN. QTY.	SIZE
Plug & Chain (Chrome Trim) without Pipe		
332914	25	1-1/2"
Lift & Turn (Chrome Trim) without Pipe		
332916	25	1-1/2"
Lift & Turn (PVD Brass Trim) without Pipe		
332916PVD	25	1-1/2"
Pop Up (Chrome Trim) without Pipe		
332918	25	1-1/2"

## PVC WHITE

PART #	CTN. QTY.	SIZE
Plug & Chain (Chrome Trim) without Pipe		
322914W	25	1-1/2"
Lift & Turn (Chrome Trim) without Pipe		
322916W	25	1-1/2"
Lift & Turn (PVD Brass Trim) without Pipe		
322916PVDW	25	1-1/2"
Pop Up (Chrome Trim) without Pipe		
322918W	25	1-1/2"

# canplas®

## 3-in-1 Convertible Bath Waste & Overflow Kits

*One kit will make three different drain outlet configurations!*



**Available in three drain styles:**



**New!**

**Brushed Nickel & Oil Rubbed Bronze Trim Kits Now Available! Call For Details!**

**canplas®**

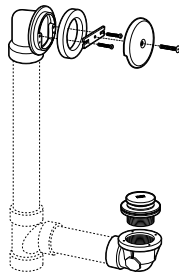
# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.18 WASTE & OVERFLOW CONTINUED..

### ABS & PVC WASTE & OVERFLOW HALF KIT, POP-UP (TIP-TOE)

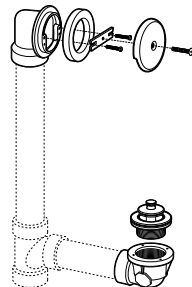
KIT INCLUDES TRIM HARDWARE, WASTE & OVERFLOW ELBOWS (LESS PIPE & TEE).



<b>ABS</b>					
<b>CHROME PLATED TRIM HARDWARE</b>					
1-1/2"	332927CP	-	25	0.816	10662671331288
<b>POLISHED BRASS TRIM HARDWARE</b>					
1-1/2"	332927PB	-	25	0.816	10662671331295
<b>PVC (WHITE)</b>					
<b>CHROME PLATED TRIM HARDWARE</b>					
1-1/2"	322927WCP	-	25	0.816	10662671320800
<b>POLISHED BRASS TRIM HARDWARE</b>					
1-1/2"	322927WPB	-	25	0.816	10662671320817

### ABS & PVC WASTE & OVERFLOW HALF-KIT, LIFT & TURN

KIT INCLUDES TRIM HARDWARE, WASTE & OVERFLOW ELBOWS (LESS PIPE & TEE).



<b>ABS</b>					
<b>CHROME PLATED TRIM HARDWARE</b>					
1-1/2"	332925LCP	-	25	0.816	10662671333039
<b>ANTIQUE BRASS TRIM HARDWARE</b>					
1-1/2"	332925AB	-	25	0.816	10662671331301
<b>POLISHED BRASS TRIM HARDWARE</b>					
1-1/2"	332925PB	-	25	0.816	10662671331318
<b>BRUSHED NICKEL TRIM HARDWARE</b>					
1-1/2"	332925BN	-	25	0.816	10662671331325
<b>PVC (WHITE)</b>					
<b>CHROME PLATED TRIM HARDWARE</b>					
1-1/2"	322925WLCP	-	25	0.816	10662671321029
<b>ANTIQUE BRASS TRIM HARDWARE</b>					
1-1/2"	322925WAB	-	25	0.816	10662671320824
<b>POLISHED BRASS TRIM HARDWARE</b>					
1-1/2"	322925WPB	-	25	0.816	10662671320831
<b>BRUSHED NICKEL TRIM HARDWARE</b>					
1-1/2"	322925WBN	-	25	0.816	10662671320848

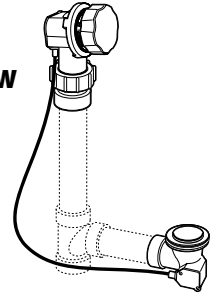
#### TRIM FINISH LEGEND

CP	CHROME PLATED	BN	BRUSHED NICKLE
PB	POLISHED BRASS	W	WHITE
AB	ANTIQUE BRASS	BG	BONE Gray

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.18 WASTE & OVERFLOW CONTINUED..

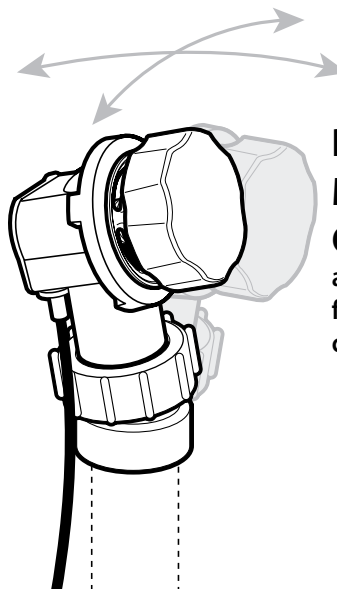
### ABS & PVC MECHANICAL WASTE & OVERFLOW HALF-KIT ADJUSTABLE OVERFLOW ELBOW



<b>ABS</b>					
<b>CHROME PLATED TRIM HARDWARE</b>					
1-1/2"	332900CP	-	20	1.213	10662671331332
1-1/2"	332900BCP	-	20	1.213	10662671331349
<b>POLISHED BRASS TRIM HARDWARE</b>					
1-1/2"	332900PB	-	20	1.213	10662671331356
<b>ANTIQUE BRASS TRIM HARDWARE</b>					
1-1/2"	332900AB	-	20	1.213	10662671331363
<b>BONE GRAY TRIM HARDWARE</b>					
1-1/2"	332900BG	-	20	1.213	10662671331370
<b>WHITE TRIM HARDWARE</b>					
1-1/2"	332900W	-	20	1.213	10662671331387

<b>PVC (WHITE)</b>					
<b>CHROME PLATED TRIM HARDWARE</b>					
1-1/2"	322900WCP	-	20	1.213	10662671320855
1-1/2"	322900WBCP	-	20	1.213	10662671320862
<b>POLISHED BRASS TRIM HARDWARE</b>					
1-1/2"	322900WPB	-	20	1.213	10662671320879
<b>ANTIQUE BRASS TRIM HARDWARE</b>					
1-1/2"	322900WAB	-	20	1.213	10662671320886
<b>BONE GRAY TRIM HARDWARE</b>					
1-1/2"	322900WBG	-	20	1.213	10662671320893
<b>WHITE TRIM HARDWARE</b>					
1-1/2"	322900WW	-	20	1.213	10662671320909

KIT INCLUDES TRIM HARDWARE, WASTE & OVERFLOW ELBOWS (LESS PIPE & TEE).



**Rotatable Top Mechanical Control** helps accommodate for different tub contours.

ABS/PVC SPECIALTY

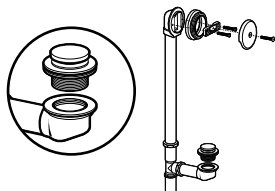
canplas®

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.18 WASTE & OVERFLOW CONTINUED..

### TUBULAR BRASS WASTE & OVERFLOW COMPLETE UNIT



#### TIP-TOE (CHROME PLATED TRIM HARDWARE)

16" TUB 332928CPBR - 10 4.189 10662671331219

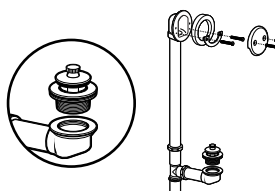
#### TIP-TOE (ANTIQUE BRASS TRIM HARDWARE)

16" TUB 332928ABBR - 10 4.189 10662671331226

#### TIP-TOE (POLISHED BRASS TRIM HARDWARE)

16" TUB 332928PBBR - 10 4.189 10662671331233

### LIFT & TURN



#### LIFT & TURN (CHROME PLATED TRIM HARDWARE)

16" TUB 332926CPBR - 10 4.145 10662671331158

20" TUB 332926LCPBR - 6 5.512 10662671331189

#### LIFT & TURN (POLISHED BRASS TRIM HARDWARE)

16" TUB 332926PBBR - 10 4.145 10662671331165

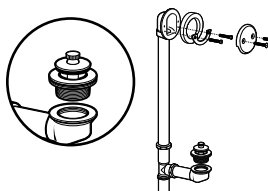
20" TUB 332926LPBBR - 6 5.512 10662671331196

#### LIFT & TURN (BRUSHED NICKEL TRIM HARDWARE)

16" TUB 332926BNBR - 10 4.145 10662671331172

20" TUB 332926LWBR - 6 5.512 10662671331202

### PUSH-PULL



#### PUSH-PULL (CHROME PLATED TRIM HARDWARE)

16" TUB 332901CPBR - 10 4.145 10662671331240

20" TUB 332901LCPBR - 6 5.512 10662671331264

#### PUSH-PULL (WHITE TRIM HARDWARE)

16" TUB 332901LWBR - 6 5.512 10662671331271

20" TUB 332901WBR - 10 4.145 10662671331257

### REPLACEMENT COMPONENTS PLUG & CHAIN



- 332804-9 - 1000 0.077 10662671333343

### WASTE & OVERFLOW TEST KIT (RE-USABLE)



- 332804TEST - 200 0.154 10662671333022

TEST KIT SPECIFICALLY FOR USE WITH WASTE & OVERFLOW HALF-KITS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.19 WATER HEATER PANS

### ALUMINUM WATER HEATER PAN, WITH 1" - 1 1/2" PVC OUTLET ADAPTER FITTING



#### 2" DEEP

20" ID 135020AP - 6 1.94 10662671130423

22" ID 135022AP - 6 1.676 10662671130119

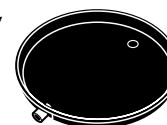
30" ID 135030AP - 6 2.998 10662671130126

#### 3" DEEP

24" ID 135024AP - 6 2.403 10662671130133

26" ID 135026AP - 6 2.756 10662671130140

### PLASTIC WATER HEATER PAN, WITH 1" - 1 1/2" PVC OUTLET ADAPTER FITTING



#### 2" DEEP

20" ID 135020P - 6 1.631 10662671130157

22" ID 135022P - 6 1.080 10662671130164

#### 2-1/2" DEEP

24" ID 135024P - 6 1.940 10662671130171

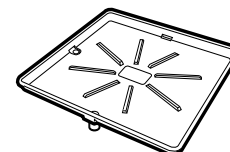
26" ID 135026P - 6 2.337 10662671130188

### CORNER PLASTIC DRAIN PAN WITH 1" - 1 1/2" PVC OUTLET ADAPTER FITTING



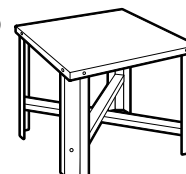
30' x 32" 135024CP - 6 1.94 10662671130416

### PLASTIC WASHING MACHINE DRAIN PAN WITH 1" - 1 1/2" PVC OUTLET ADAPTER FITTING



30' x 32" 135100P - 6 3.968 10662671130218

### HEAVY-DUTY GALVANIZED WATER HEATER TANK STAND 650LB LOAD RATING



21' x 21" x 18" 135005 - 1 7.143 10662671130225

ABS/PVC SPECIALTY

canplas®



## 4.0 **ABS/PVC** SPECIALTY PRODUCTS

# canplas® Washing Machine Drain Pan

with 1" PVC Outlet Adapter Fitting

## Protect your floor

from washing  
machine  
leaks, spills &  
overflows.

### Improved design:

- Deeper pan allows side mount of drain fitting.
- High strength injection molded design is stronger and thicker.
- Heavy duty impact-resistant polypropylene resists shattering.
- Pre-formed cut lines make installation easier.

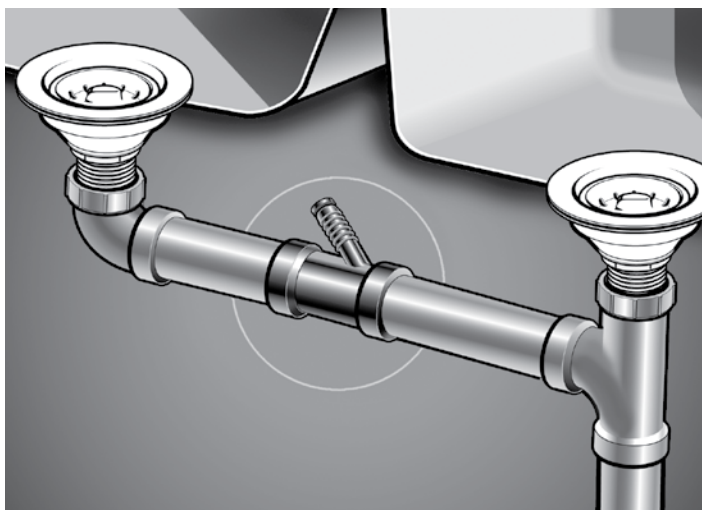
[www.canplasplumbing.com](http://www.canplasplumbing.com)

**ABS/PVC SPECIALTY**

**canplas®**



## 4.0 **ABS/PVC** SPECIALTY PRODUCTS



# canplas®

## **Appliance/ Dishwasher Wye**

- For roughing in or installing a dishwasher, water softener or any appliance with a 1/2" or 3/4" discharge hose.

### **Features**

- Injection molded in ABS (Black) and PVC (White).
- Top and bottom sockets are 1 1/2" DWV (Schedule 40) size.
- Branch arm is a 1/2" or 3/4" hose barb.
- Unit comes complete with molded on plug.
- Plug will hold test without solvent cementing.
- Saves time and money.
- CSA certified
- NSF, IAPMO listed

### **Installation**

- For rough-in, insert plug into hose barb. When installing an appliance, simply remove plug and attach hose.
- Plug has oversized top to prevent installation of hose with plug still in place.
- Can be installed vertically or horizontally.

PART #	MATERIAL	SIZE	CARTON QTY.
112321	ABS (Black)	11/2" x 1/2"	40
212321W	PVC (White)	11/2" x 1/2"	40
112332	ABS (Black)	11/2" x 3/4"	40
212332W	PVC (White)	11/2" x 3/4"	40



**ABS/PVC SPECIALTY**

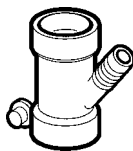
**canplas®**

# 4.0 ABS/PVC SPECIALTY PRODUCTS

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.20 MISCELLANEOUS SPECIALTY DWV

**APPLIANCE WYE, H x H x HOSE BARB  
SNAP-IN PLUG IS MOLDED ON  
FITTING FOR USE DURING  
"ROUGH-IN"**



### ABS

1-1/2" x 1/2"	112320	-	80	0.507	10662671110234
1-1/2" x 1-1/2" x 1/2"	112321	2880	40	0.192	10662671103304
1-1/2" x 1-1/2" x 3/4"	112332	2880	40	0.159	10662671103465
1-1/2" x 1-1/2" x 1"	112333	2880	40	0.168	10662671116700

### PVC (WHITE)

1-1/2" x 1-1/2" x 1/2"	212321W	2880	40	0.192	10662671210194
1-1/2" x 1-1/2" x 3/4"	212332W	2880	40	0.216	10662671210200
1-1/2" x 1-1/2" x 1"	212333W	2880	40	0.168	10662671214154

**P-TRAP PRIMER PORT,  
SPG x SPG x FPT**



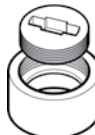
### ABS

3" x 3" x 1/2"	112110-1	1440	20	0.37	10662671110012
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### PVC (WHITE)

3" x 3" x 1/2"	212110-1W	1440	20	0.507	10662671210026
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**SNAP-IN CLEANOUT, HUB**



### ABS

2" x 3"	333152	-	30	0.243	10662671331400
3" x 4"	333153	-	30	0.441	10662671331394

### PVC

2" x 3"	323152	-	30	0.353	10662671320923
3" x 4"	323153	-	30	0.551	10662671320916

**TERMINATION SCREEN**



### POLYPROPYLENE

2"	112002	36000	250	0.013	10662671110173
3"	112003	14400	100	0.035	10662671110272

**VENT PIPE CAP**



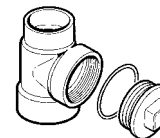
### POLYPROPYLENE

3" & 4" - WHITE	133070W	1080	15	0.507	10662671130249
3" & 4" - GREEN	133070GN	1080	15	0.507	10662671130232

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 4.20 MISCELLANEOUS SPECIALTY DWV

**4" X 3" PERMOSEAL®  
LINE CLEANOUT,  
H x H WITH GASKET ON PLUG**



### ABS - WITH TEST MEMBRANE

4" x 3" x 4"	112107AT	270	15	1.587	10662671117127
--------------	----------	-----	----	-------	----------------

### PVC (WHITE) - WITH TEST MEMBRANE

4" x 3" x 4"	212107WAT	-	15	2.178	10662671214260
--------------	-----------	---	----	-------	----------------

ABS/PVC SPECIALTY

canplas®

## 4.0 **ABS/PVC** SPECIALTY PRODUCTS

**ABS/PVC SPECIALTY**

**canplas®**

### ***PermOseal® 4" x 3"*** ***Reducing Line*** ***Cleanout with Test*** ***Membrane***

- *No more glued in Test plates*
- *No more mechanical test plugs or test balls*

**New!** *Innovative test membrane* from Canplas® enables mess-free removal of the test membrane after a water test.

By puncturing the PVC membrane with a utility knife, wastewater is drained slowly, avoiding the typical torrent of wastewater mess with other test methods.

Simply remove the membrane with a knife after the system is tested.

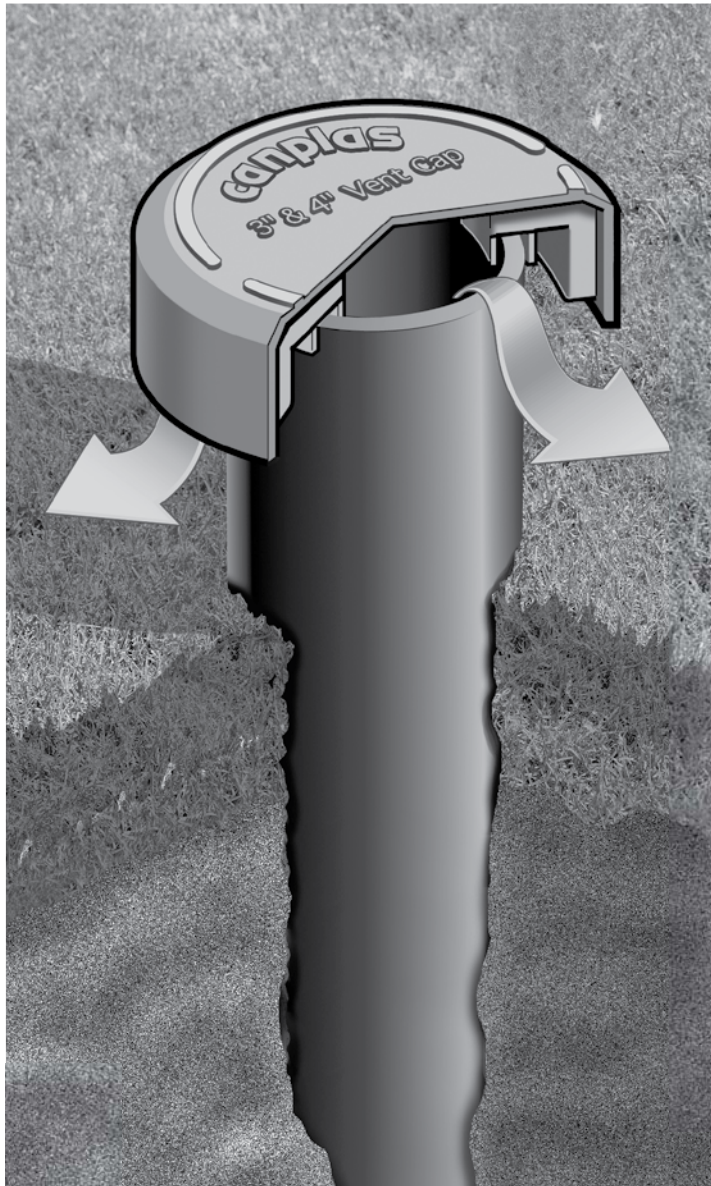
• Patent Pending

PART #	CTN. QTY.	SIZE
<b>ABS:</b> 112107AT	15	4" x 3" x 4"
<b>PVC:</b> 212107WAT	15	4" x 3" x 4"

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## 4.0 **ABS/PVC** SPECIALTY PRODUCTS



Colors are designed to match those of the pipe (white and green) for a professional appearance.

Stainless steel installation screws are secured into the cap, prior to shipping (prevents accidental loss or replacement).

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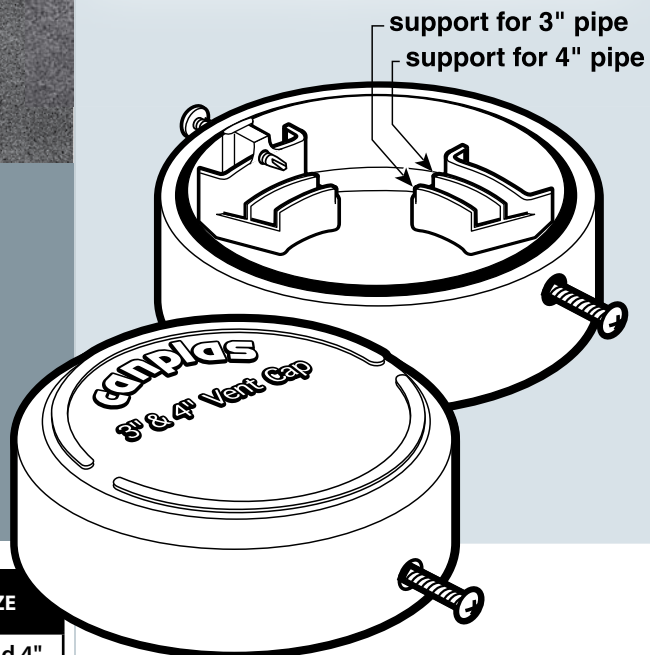
### **Vent Pipe Cap**

- *Prevents debris from entering vent pipes without obstructing air flow.*

**Interior supports** accommodate either 3" or 4" pipe in a variety of materials (ABS DWV, PVC DWV and PVC sewer). (No double stocking).

Cap is secured to vent pipe by utilizing two self-tapping screws. (Reduces chance of unauthorized removal).

Installation screws are recessed into the cap. (Eliminating a possible hazard due to protruding screws).



PART #	DESCRIPTION	CTN. QTY.	SIZE
133070GN	POLYPROPYLENE (GREEN)	15	3" and 4"
133070W	POLYPROPYLENE (WHITE)	15	3" and 4"

**ABS/PVC SPECIALTY**

# canplas®

## 4.0 **ABS/PVC** SPECIALTY PRODUCTS

**ABS/PVC SPECIALTY**



### **Typical applications for the termination screen include:**

1. Gas Water Heater Exhaust
2. High Efficiency Furnace Exhaust
3. High Efficiency Furnace Air Intake

PART #	CTN. QTY.	SIZE
POLYPROPYLENE BLACK (FOR ABS DWV)		
112002	250	2"
112003	100	3"
POLYPROPYLENE WHITE (FOR PVC DWV)		
362002	250	2"
362003	100	3"

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## **Termination screen**

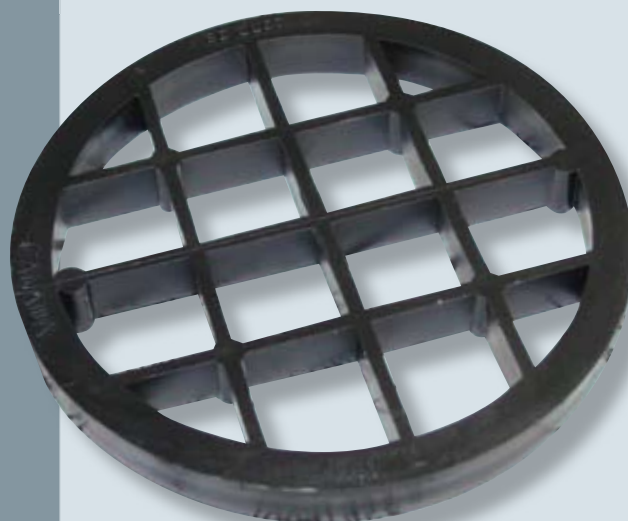
*To prevent foreign objects from entering a venting system and causing an obstruction. Obstructions can reduce efficiencies or cause the furnace/water heater to shutdown.*

### **Features**

- Fits inside hub end of schedule 40 DWV fittings.
- Friction Fit.
- Does not conduct heat like metal.
- Can be removed if necessary.

### **Benefits**

- Will not rust due to acidic vent gases.
- More difficult to flash freeze than metal screens.
- No sharp edges, unlike metal screens.



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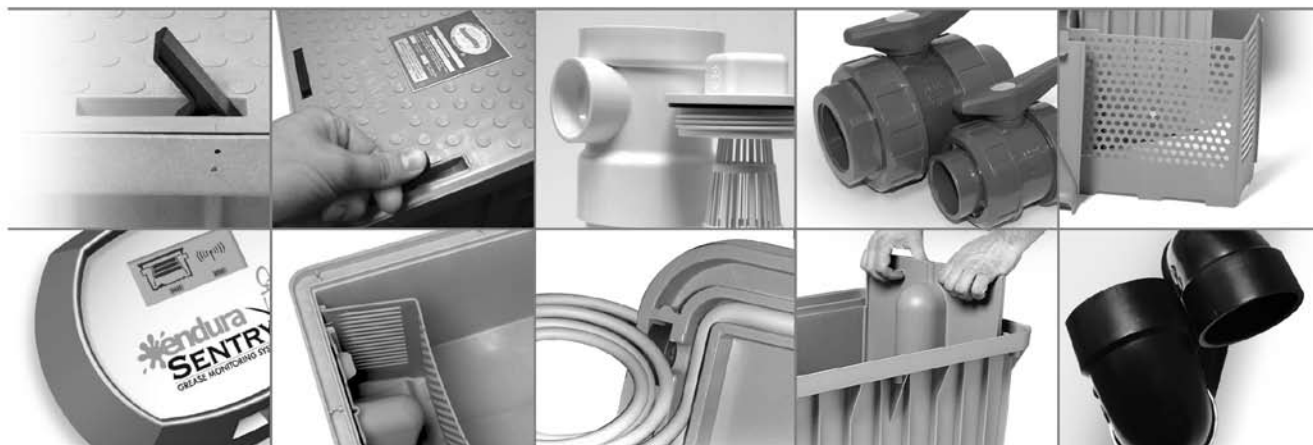
# 5.0 **ENDURA**® GREASE MANAGEMENT

**GREASE MANAGEMENT**



# canplas®

## \*endura® GREASE MANAGEMENT



Providing the grease management solution for today's plumbing and foodservice professionals, the Canplas® Endura® brand offers an increasingly broad, flexible and innovative range of products to assist in the effective maintenance of the commercial and institutional foodservice facility. The patented Endura® grease Interceptors are the mainstay of this offer and with innovations such as Sentry Grease Monitoring, use of engineered thermoplastics and a full range of accessories, proving the commitment of Canplas to providing a comprehensive, user focused solution.

**canplas®**

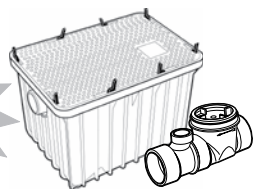
# 5.0 ENDURA® GREASE MANAGEMENT

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 5.1 GREASE INTERCEPTORS & ACCESSORIES

**ENDURA® GREASE INTERCEPTOR, (INCLUDES FLOW CONTROL FITTING)**

10 YEAR WARRANTY!



**15 GPM - ACTUAL GREASE CAPACITY: 35 LBS**

2" 3915A02 12 1 28.528 10662671390148

**20 GPM - ACTUAL GREASE CAPACITY: 46 LBS**

2" 3920A02 12 1 27.69 10662671390155

**25 GPM - ACTUAL GREASE CAPACITY: 74 LBS**

3" 3925A03 12 1 24.438 10662671390032

**35 GPM - ACTUAL GREASE CAPACITY: 115 LBS**

3" 3935A03 - 1 47.801 10662671390100

**50 GPM - ACTUAL GREASE CAPACITY: 122 LBS**

3" 3950A03 - 1 47.792 10662671390117

**35 GPM - ACTUAL GREASE CAPACITY: 115 LBS**

4" 3935A04 - 1 47.801 10662671390124

**50 GPM - ACTUAL GREASE CAPACITY: 122 LBS**

4" 3950A04 - 1 47.801 10662671390131

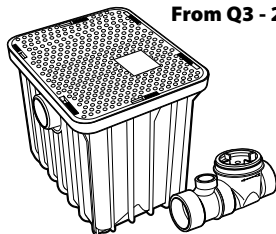
GPM - GALLONS PER MINUTE



For Supply with Spigot Version  
Flow Control Suffix part code with "S"  
ex. 3920A02S See Page 74 for more.

**NEW ENDURA® COMPACT GREASE INTERCEPTOR, (INCLUDES FLOW CONTROL FITTING)**

From Q3 - 2008



**Up to 10 GPM**

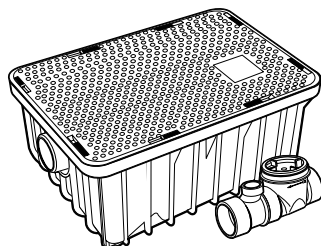
2" 3910A02 - 1 14.264 -

**NEW ENDURA® LOW PROFILE GREASE INTERCEPTOR, (INCLUDES FLOW CONTROL FITTING)**

From Q3 - 2008

**Up to 25 GPM**

2" 3925A02L0 - 1 23.900 -



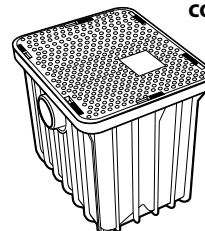
SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 5.1 GREASE INTERCEPTORS & ACCESSORIES

**NEW ENDURA® SOLIDS INTERCEPTOR,**

CONTINUED..

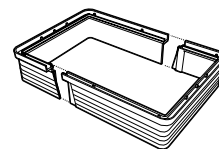
From Q3 - 2008



**UP TO 50 GPM FLOW RATE**

3911A02 - 1 17.876 -

**EXTENSION KITS, (UP TO 3 EXTENSIONS FOR INSTALLATION)**



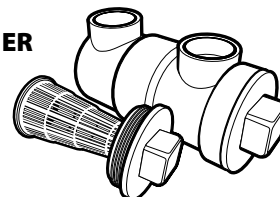
**15-20-25 GPM - ADJUSTABLE 2"- 6", CUT TO HEIGHT**

3920AX6 - 1 11.574 10662671390353

**CUT TO HEIGHT - 35-50 GPM - ADJUSTABLE 2"- 6", CUT TO HEIGHT**

3935AX6 - 1 14.22 10662671390322

**NEW ENDURA® IN-LINE DRAIN STRAINER**



**ABS**

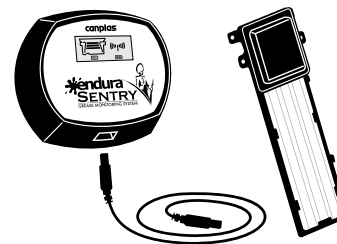
1-1/2" 393243A 320 4 1.257 10662671390407

**PVC**

1-1/2" 393243AW 320 4 16.446 10662671390490

**NEW ENDURA® SENTRY GREASE MONITORING SYSTEM**

SEE PAGE 76  
FOR MORE  
INFORMATION!



394600 - 1 2.2 10662671390742



All Canplas Endura® Grease Interceptors are tested and certified to Standard PDI-G101 of the Plumbing and Drainage Institute. Sizes 20, 25, 30, and 50 are UPC Listed. All units are tested and approved to ASME 112.14.3

# 5.0 ENDURA® GREASE MANAGEMENT

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 5.1 GREASE INTERCEPTORS & ACCESSORIES

### REPLACEMENT COMPONENTS

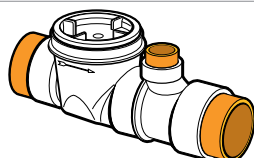
CONTINUED..

#### FLOW CONTROL WITH CLEANOUT AND AIR INTAKE



<b>15 GPM</b>					
2"	3922115	175	1	2.612	10662671390308
<b>20 GPM</b>					
2" x 1-1/2"	3922120	175	1	0.948	10662671390391
<b>25 GPM</b>					
3"	3933125	125	1	2.612	10662671390186
<b>35 GPM</b>					
3"	3933135	-	1	2.621	10662671390193
<b>50 GPM</b>					
3"	3933150	-	1	2.612	10662671390209
<b>35 GPM</b>					
4"	3934135	-	1	5.591	10662671390216
<b>50 GPM</b>					
4"	3934150	-	1	5.591	10662671390223

#### SPIGOT FORMAT FLOW CONTROL WITH CLEANOUT AND AIR INTAKE



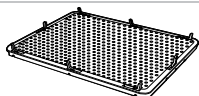
<b>15 GPM</b>					
2"	3922115AS	330	1	2.612	10662671390551
<b>20 GPM</b>					
2" x 1-1/2"	3922120AS	330	1	0.948	10662671390568
<b>25 GPM</b>					
3"	3933125AS	-	1	-	10662671390575
<b>35 GPM</b>					
3"	3933135AS	-	1	4.167	10662671390582
<b>50 GPM</b>					
3"	3933150AS	-	1	2.612	10662671390599
<b>35 GPM</b>					
4"	3934135AS	-	1	5.591	10662671390605
<b>50 GPM</b>					
4"	3934150AS	-	1	5.591	10662671390612

#### SILICONE RUBBER LID GASKET



<b>15-20-25 GPM UNITS</b>					
-	3920A-5	-	1000	0.11	10662671390230
<b>35-50 GPM UNITS</b>					
-	3935A-5	-	1	0.249	10662671390254

#### LID ASSEMBLY REPLACEMENT



<b>15-20-25GPM</b>	3920A-2ARPL	-	1	9.013	10662671390483
<b>35-50GPM</b>	3935A-2ARPL	-	1	10.009	10662971390312
<b>SCREW DOWN VERSION</b>					
<b>15-20-25GPM</b>	3920A02-4	-	1	1.649	10662671390735

#### NEW - INTERCEPTOR FIXING REPLACEMENT/REFURB KIT

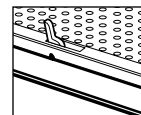


<b>2 X INSERT/SCREWS</b>					
	3920AR	-	1	0.066	1066267139051

SIZE PART # SKID CTN. WEIGHT CARTON  
QTY. QTY. (LBS.) BAR CODE

## 5.1 GREASE INTERCEPTORS & ACCESSORIES

### INTERCEPTOR REPLACEMENT LATCH KITS



CONTINUED..

<b>15-20-25GPM</b>	3920A-9RPL	-	1	1.314	10662671390360
<b>35-50GPM</b>	3935A-6RPL	-	1	0.357	10662671390711

### ENDURA® O-TRAP



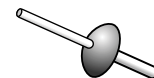
#### ABS

2"	393262	245	1	0.902	1066267139042121
3"	393263	144	1	2.469	10662671390438
4"	393264	72	1	4.603	10662671390445

#### PVC

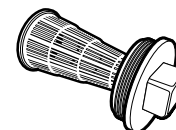
2"	393272	245	1	1.14	10662671390452
3"	393273	144	1	3.457	10662671390469
4"	393274	72	1	6.431	10662671390476

### INTERCEPTOR FIXED BAFFLE KIT



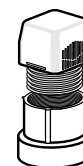
<b>2 x stainless steel rivet</b>					
	392035FBK	-	1	0.004	10662671390391

### NEW - ENDURA® IN-LINE DRAIN STRAINER FILTER SCREEN & ACCESS PLUG ASSEMBLY



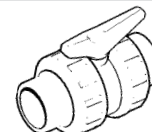
<b>ABS</b>	393243AR	720	10	0.34	10662671390506
<b>PVC</b>	393243AWR	720	10	0.34	10662671390513

### NEW - PERMOSEAL® AIR ADMITTANCE VALVE



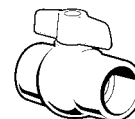
<b>1-1/2" &amp; 2"</b>	392011	-	10	0.282	10662671390520
------------------------	--------	---	----	-------	----------------

### BALL VALVES TRUE UNION BALL VALVES



2"	731181-020	-	5	2.45	10662671730395
3"	731181-030	-	1	3.58	10662671730401
4"	731181-040	-	1	7.35	-

### PVC BALL VALVE (MOULDED IN PLACE) WHITE



2"	731015-020	-	24	0.68	10662671730241
3"	731015-030	-	12	2.07	10662671730265
4"	731015-040	-	6	4.08	10662671730272

GREASE MANAGEMENT

canplas®

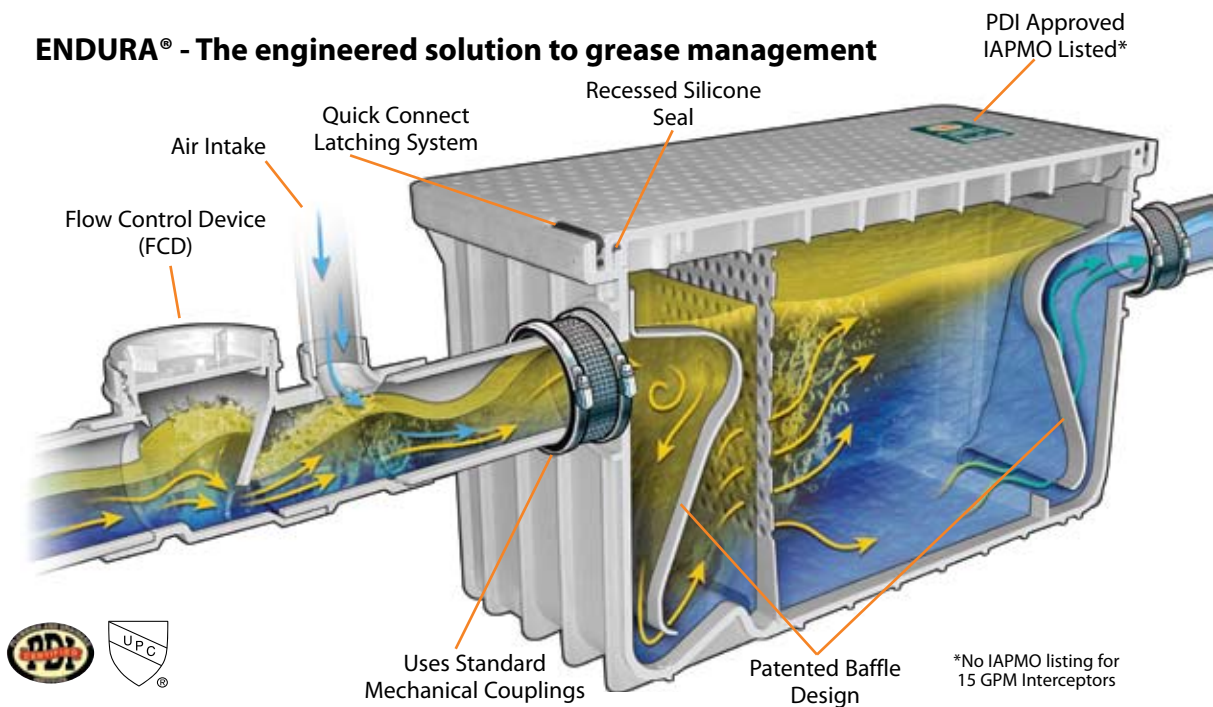
# 5.0 ENDURA® GREASE MANAGEMENT



Sewer authorities and building owners spend millions of dollars every year combating grease accumulation in plumbing systems. Grease accumulation causes sewer blockages and overflows. These overflows are a health risk to you, your employees, your customers and the general public. Injection molded in engineered thermoplastic, the Endura® Grease Interceptor provides restaurant operators the best value and performance on the market today.



## ENDURA® - The engineered solution to grease management



### FEATURES AND BENEFITS

- Injected molded in engineered thermoplastics, Endura® will not corrode, chip or peel, even under the most severe applications - 10 year warranty
- Molded one piece tank eliminating seams and potential leaking
- Can accommodate continuous discharge at 104° C (220° F)
- Lightweight and strong, Endura® models weigh up to 60% less than directly equivalent metal competitors - offers ease of installation, transport and storage
- Endura® can support 440 pounds of pedestrian and light duty traffic
- Connected using mechanical joint couplings allowing for use of various piping materials
- Flexibility of installation - can be installed in-floor, on-floor, or semi-recessed

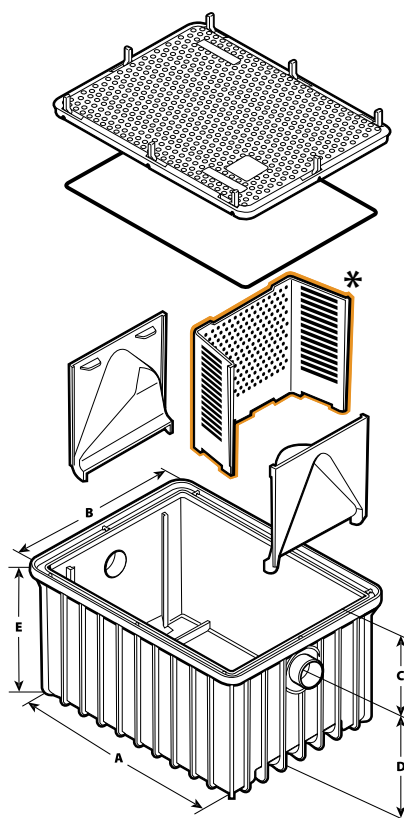


# 5.0 ENDURA® GREASE MANAGEMENT

## TECHNICAL SPECIFICATIONS

Flow Rate (U.S. g.p.m.)/lbs.	15/30	20/40	25/50	35/70	50/100
Part Number	3915A02	3920A02	3925A03	3935A (**)	3950A (**)
Grease Capacity (lbs.) (Actual)	35	46	74	115	122
Operating Temp. Capabilities	220°F (104°C)	220°F (104°C)	220°F (104°C)	220°F (104°C)	220°F (104°C)
Surface Load Capacity	440 lbs (200 kgs)	440 lbs (200 kgs)	440 lbs (200 kgs)	440 lbs (200 kgs)	440 lbs (200 kgs)
Units Weight Capacity (EMPTY)	23 lbs (10.4 kgs)	23 lbs (10.4 kgs)	23 lbs (11.3 kgs)	45 lbs (20.40 kgs)	60 lbs (27.2 kgs)
Liquid Capacity	21.6 gal (81.8L)	21.6 gal (81.8L)	21.6 gal (81.8L)	39.4 gal (149.1L)	52.0 gal (197L)
Connection Size (mechanical) (110mm available on request)	2"	2"	3"	**3" (03) **4" (04)	**3" (03) **4" (04)

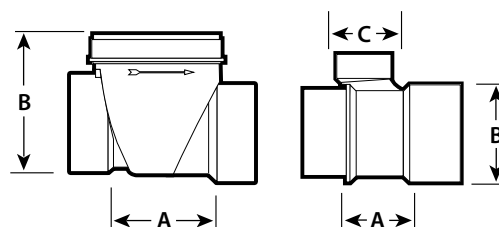
GREASE MANAGEMENT



**Dimensional-Tank**

	15/30	20/40	25/50	35/70	50/100
<b>A</b>	23.6" (600mm)	23.6" (600mm)	23.6" (600mm)	31.0" (787mm)	31.0" (787mm)
<b>B</b>	17.5" (444mm)	17.5" (444mm)	17.5" (444mm)	23.5" (597mm)	23.5" (597mm)
<b>C</b>	3.5" (89mm)	3.5" (89mm)	4.2" (104mm)	5.0" (127mm)	5.0" (127mm)
<b>D</b>	12.8" (325mm)	12.8" (325mm)	12.2" (310mm)	12.5" (318mm)	18.5" (470mm)
<b>E</b>	16.3" (414mm)	16.3" (414mm)	16.3" (414mm)	17.5" (444mm)	23.5" (597mm)

\* Diffuser baffle only used in 35 and 50 GPM models



**Dimensional-Flow Control Assembly**

	Flow Control			Air Intake Tee		
Connection (solvent weld)	2" h x h	3" h x h	4" h x h	2" spg x h	3" spg x h	4" h x h
<b>A</b>	3.0" (76.2mm)	4.23" (107.4mm)	6.13" (155.7mm)	2.91" (73.9mm)	2.67" (67.8mm)	3.19" (81mm)
<b>B</b>	3.84" (97.5mm)	5.93" (151mm)	6.84" (173.7mm)	2.71" (68.8mm)	4.01" (101.9mm)	5.04" (128mm)
<b>C</b>	-	-	-	2.24" (56mm)	2.27" (57.7mm)	2.72" (69.1mm)

canplas®

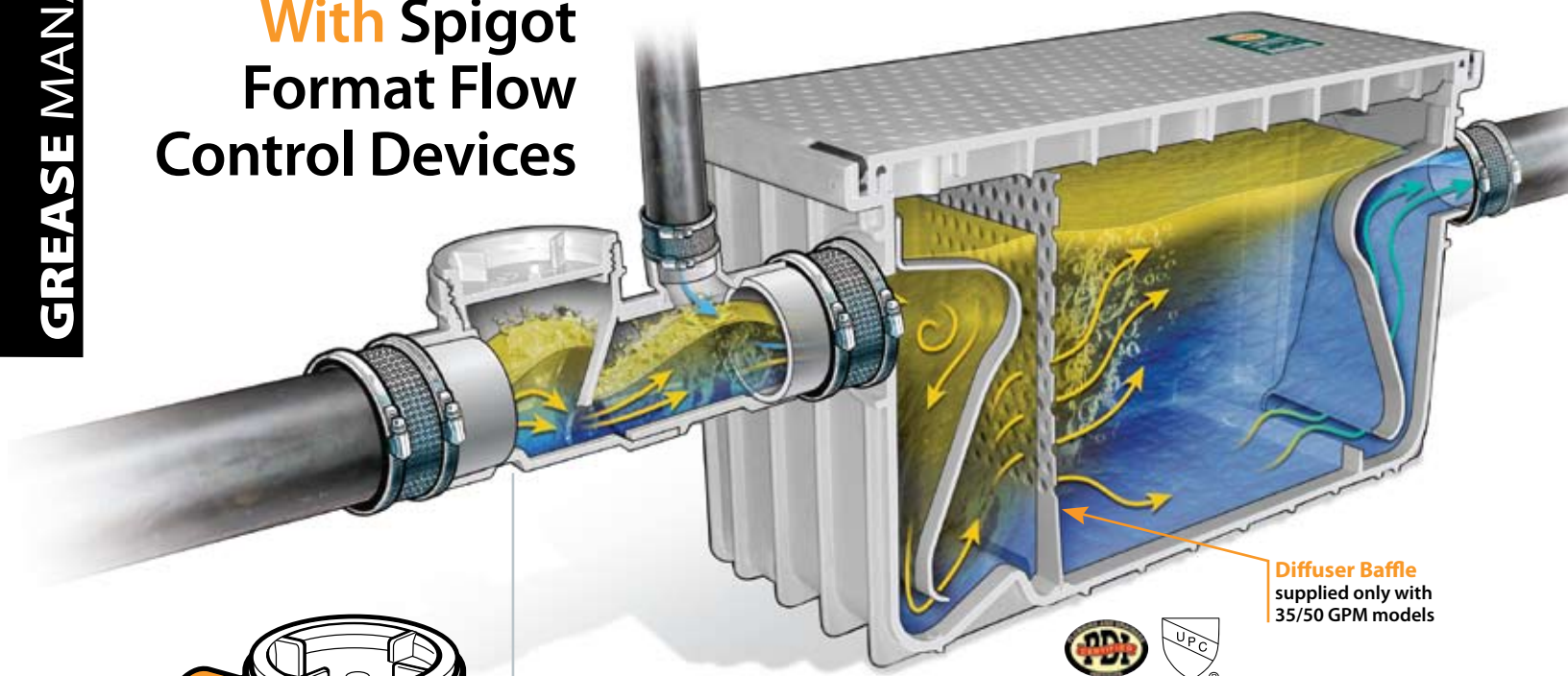
# 5.0 ENDURA® GREASE MANAGEMENT

New!

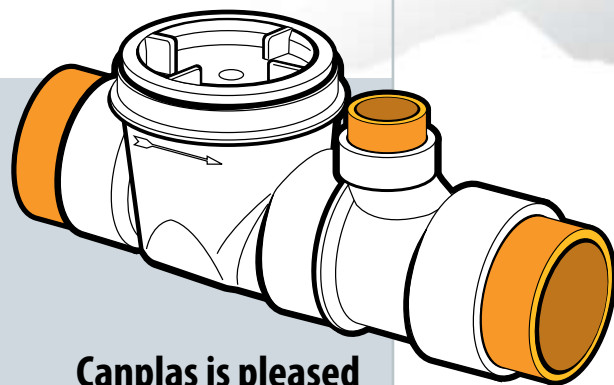
**endura®**  
Grease Interceptor

**With Spigot  
Format Flow  
Control Devices**

GREASE MANAGEMENT



Diffuser Baffle  
supplied only with  
35/50 GPM models



Canplas is pleased  
to announce the  
extension of our  
Endura range to  
include 7 models of  
Endura Interceptors  
with Spigot Format  
Flow Control Devices.

Due to variation in local Plumbing Codes, precluding the use of plastic piping in commercial plumbing & drainage applications, the hub connection format of the standard Flow Control Device has caused some installation and inspection challenges.

In response to this, Canplas is introducing a range of interceptors with pre-assembled flow control devices featuring factory prepared spigot connections. In this way, the installation is simplified using commonly available no-hub couplings to make the connection to the drainage system in line with local requirements.

## Endura® Grease Interceptors with Spigot format Flow Control Devices.

Part #	Description	Skid Qty	Carton Qty	Weight (LBS.)	Carton Bar Code
3915A02S	Endura Grease Interceptor with SFCD 2" – 15GPM	12	1	28.528	10662671390636
3920A02S	Endura Grease Interceptor with SFCD 2" – 20GPM	12	1	27.69	10662671390643
3925A03S	Endura Grease Interceptor with SFCD 3" – 25GPM	12	1	24.438	10662671390650
3935A03S	Endura Grease Interceptor with SFCD 3" – 35GPM	-	1	47.801	10662671390667
3950A03S	Endura Grease Interceptor with SFCD 3" – 50GPM	-	1	47.801	10662671390681
3935A04S	Endura Grease Interceptor with SFCD 4" – 35GPM	-	1	47.801	10662671390674
3950A04S	Endura Grease Interceptor with SFCD 4" – 50GPM	-	1	47.801	10662671390698

# 5.0 ENDURA® GREASE MANAGEMENT

GREASE MANAGEMENT

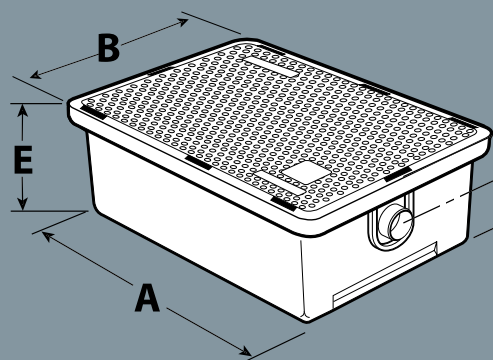


## Lo-PRO

**Grease** Interceptor

*Canplas® is proud to introduce the Endura® Lo-PRO for those tight on-floor grease interceptor applications where space is at a premium.*

Based on the same dimensional footprint as our successful 35gpm and 50gpm Endura® models, this latest 25gpm addition has an overall height of just 11 inches, and still meets the requirements of ASME112.14.3.



*Dimensions*

PART #	CTN. QTY.	SIZE
3925A02L0	1	2"

FROM Q3 2008



**canplas®**



## endura® SENTRY GREASE MONITORING SYSTEM



***Taking the  
guess  
work  
out of  
grease  
management***



### Using the latest wireless technology

- Sensor located in the GI transmits status to the remote receiver
- No electrical supply or installation – Sensor and Receiver operate on AA batteries
- Easy installation, easy setup
- Sentry holds 12 months of rolling data – definite proof of maintenance
- Recordable data downloadable to your PC
- Suitable for use with all full height Endura® Grease Interceptors

### The Sentry Opportunity

- Added value sales opportunity – ‘for customer peace of mind’
- Aid to define effective schedule of maintenance
- Easy installation and set-up for new and retrofit applications
- Display packaging for retail display

**The biggest challenge with any Grease Interceptor is regular maintenance to ensure operation within its rated capacity.** Until now this process has been all but guesswork on the part of the restaurant operator, often resulting in the interceptor becoming overloaded and FOG being released to the local sewer system – the very thing that the interceptor was put in place to prevent.

ENDURA® SENTRY GREASE  
MONITORING SYSTEM

Part Number 394600



# 5.0 ENDURA® GREASE MANAGEMENT



**GREASE MANAGEMENT**



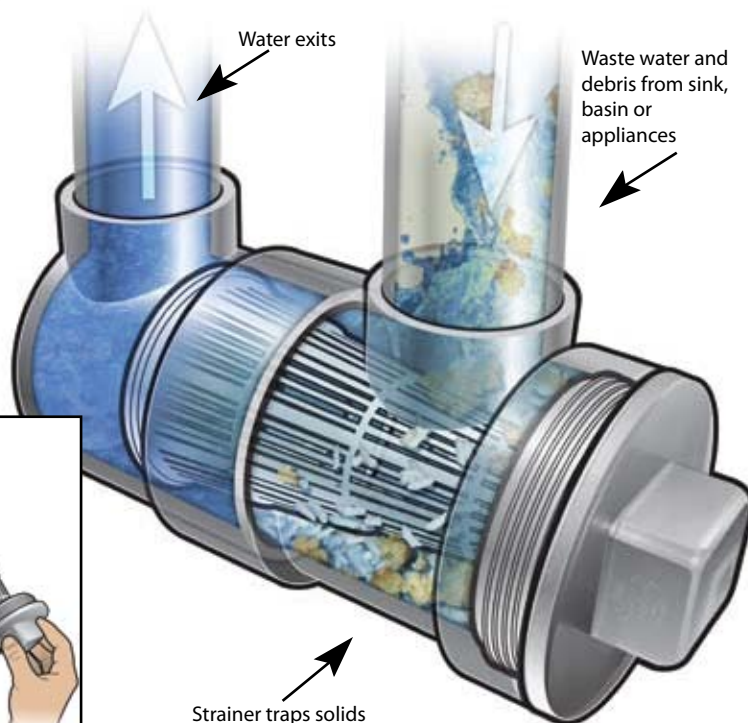
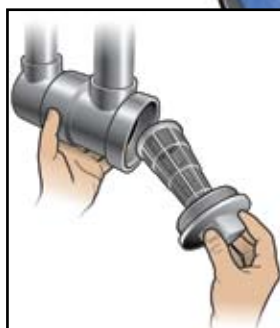
Installed on individual sink wastes in kitchen and sanitary applications, the Endura® Inline Drain Strainer (**IDS**) prevents food debris, hair, lint and similar solid material from entering the drainage system, causing restriction and blockage.

## Applications Include:

- Domestic & Commercial Kitchens
- Hair & Beauty Salons
- Barber Shops
- Pet Grooming Parlors
- Motels
- Dormitories

and...

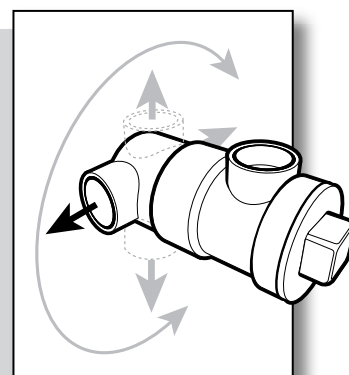
Safeguards against the loss of valuable items such as rings & jewelry



## Proven Design

Manufactured in both ABS and PVC, the Endura® IDS is based on the proven design of a drum trap, offering complete flexibility of installation either horizontal or vertical, the outlet being able to be set anywhere in a 360° range.

The filter screen, assembled as an integral part of the access cap, has 10 times the open area of the inlet and outlet connections extending the interval of cleaning and providing easy, non-contact removal of captured debris. Simply unscrew, withdraw, tap and replace – That's it!



**canplas**

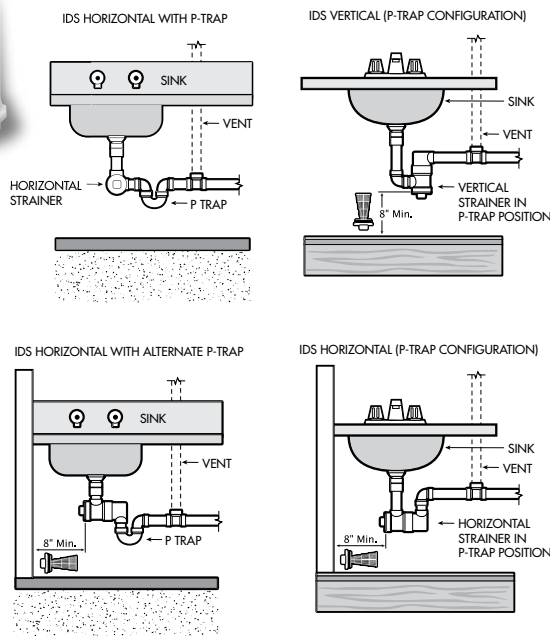
# 5.0 ENDURA GREASE MANAGEMENT

GREASE MANAGEMENT



Fitted in conjunction with or in place of a P-trap, the Endura® IDS can be used in applications where space is at a premium, providing ease of access to the end user. As a development of a specialty plumbing fitting, dimensionally the Endura® IDS is manufactured in accordance with the performance and dimensional requirements of North American plumbing systems.

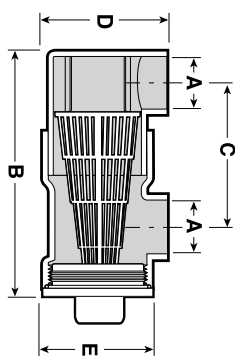
## Typical Installation



## Installation Awareness

Regardless of the application, when installing the Endura® IDS, at least 8" of clearance must remain in the direction of strainer removal. This will allow sufficient space for a catch container to collect any water or debris held in the unit, depending on its orientation.

Unlike competitive products the body of the Endura® IDS is supplied 'loose-assembled'. This means that when it comes to installation the installer retains the full benefit of being able to orientate the outlet to suit the installation, only solvent welding the main joint when the location and orientation have been confirmed. Be it a domestic or commercial application these four images show typical IDS installations.



## Product Dimensions

### Endura® In-Line Drain Strainer

Part Number	Material	A	B	C	D	E
393243A	ABS	2.0"*	9.1"	4.9"	4.3"	3.9"
393243AW	PVC	2.0"*	9.1"	4.9"	4.3"	3.9"

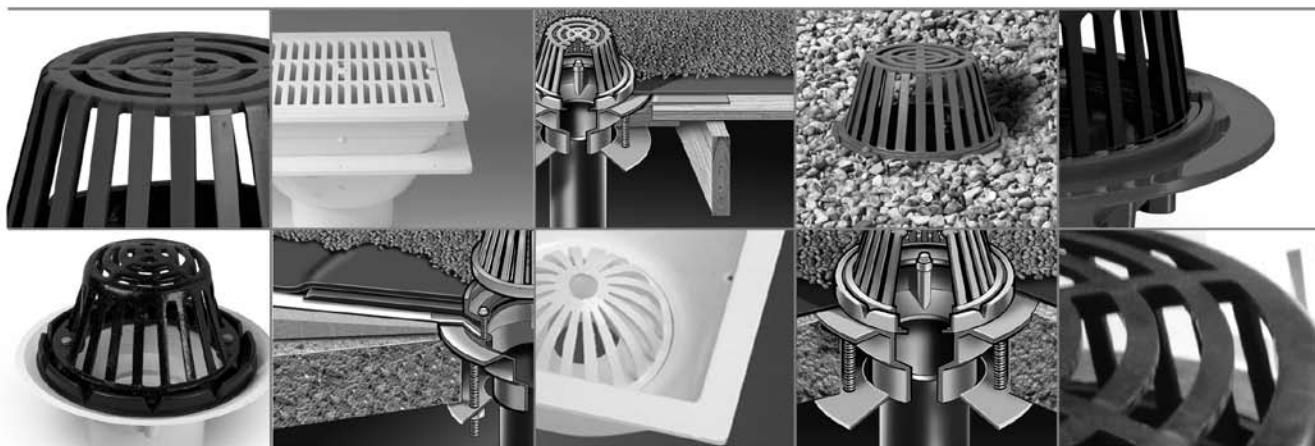
\*Endura® IDS is sized to accept connection width 1-1/2" diameter DWV pipe.

canplas®

# 6.0 **ENGINEERED** DRAINS



**canplas®**  
**ENGINEERED DRAINS**



A complete line of high quality, engineered drainage products designed to utilize the benefits of plastic; lightweight, durable and corrosion resistant.

Visit our website to view and download 3-Part Spec Sheets. Note: Carton Quantities are subject to change.

Please refer to your current price list for up-to-date information.



# 6.0 ENGINEERED DRAINS

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 6.1 FLOOR DRAINS

### ENDURA® FLOOR DRAIN, (COMPLETE ASSEMBLY), HUB



PVC

3"	374750	96	3	5.512	10662671370058
4"	374751	96	3	5.622	10662671370065

### ENDURA® FLOOR DRAIN COMPONENTS, (FOR 3" & 4" ENDURA® FLOOR DRAINS)

BASKET STRAINER	374750-2	-	-	0.661	
DRAIN GRATE	374750-3	-	-	1.213	

## 6.2 FLOOR SINKS

### FLOOR SINKS, PVC



#### FLANGED

9" x 9" x 6" (3" HUB)	374719*	90	5	5.919	10662671370256
9" x 9" x 6" (4" HUB)	374709*	-	5	5.406	10662671370089
12" x 12" x 6" (4" HUB)	374712*	90	5	6.521	10662671370096
12" x 12" x 6" (3" HUB)	374722*	90	5	7.035	10662671370263

#### FLANGELESS



9" x 9" x 6" (3" HUB)	374718	90	5	4.138	10662671370249
9" x 9" x 6" (2" SPIGOT)	374702	160	5	9.414	10662671370102
9" x 9" x 6" (4" HUB)	374708	90	5	3.624	10662671370119
12" x 12" x 6" (2" HUB)	374715	90	5	4.4	10662671370652
12" x 12" x 6" (4" HUB)	374713	90	5	4.475	10662671370126
12" x 12" x 6" (3" HUB)	374723	90	5	4.989	10662671370270

\* FLOOR SINKS ARE PROVIDED COMPLETE WITH FLASHING FLANGE (ANCHOR FLANGE), FLANGE CLAMPS (SET OF 4), BOTTOM DOME STRAINER AND ASSOCIATED SCREWS. GRATES MUST BE ORDERED SEPARATELY.

### FLOOR SINK COMPONENTS, FOR ALL FLOOR SINKS

5" STRAINER	374712-4	-	-	0.198	
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### FLOOR SINK REPLACEMENT HARDWARE KIT

-	3747NNH	-	1	0.551	10662671370348
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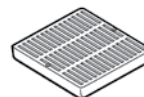
SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 6.2 FLOOR SINKS CONTINUED..

### FLOOR SINK GRATES

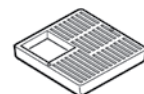
#### FULL GRATE

9" x 9"	374709A	875	7	2.041	10662671370072
12" x 12"	374712A	432	9	3.746	10662671370133



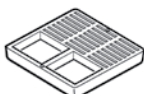
#### THREE QUARTER GRATE

9" x 9"	374709B	875	7	1.598	10662671370140
12" x 12"	374712B	-	9	2.205	10662671370157



#### HALF GRATE

9" x 9"	374709C	875	7	1.323	10662671370164
12" x 12"	374712C	-	9	1.874	10662671370171



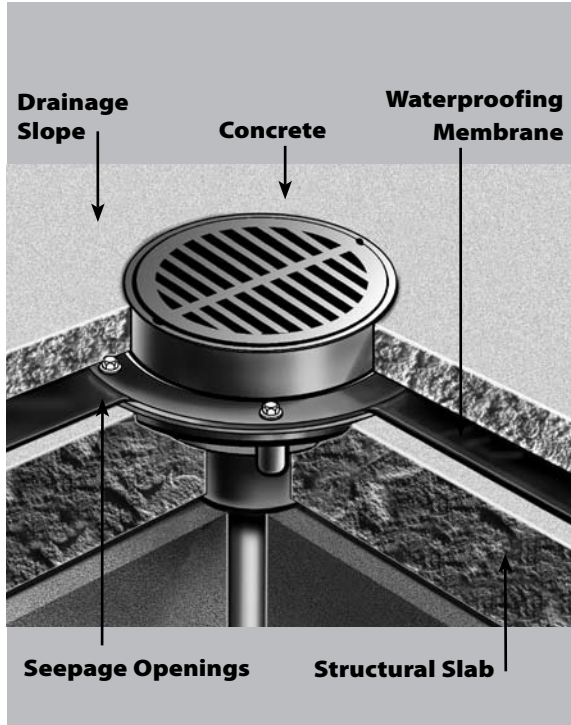
ENGINEERED DRAINS

canplas®



# 6.0 ENGINEERED DRAINS

## ENDURA® FLOOR DRAINS

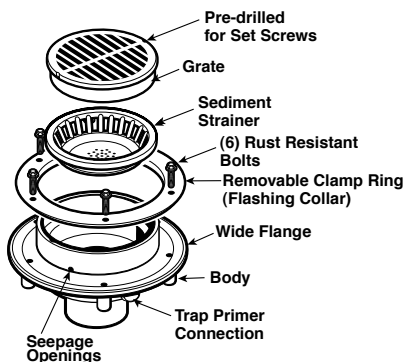
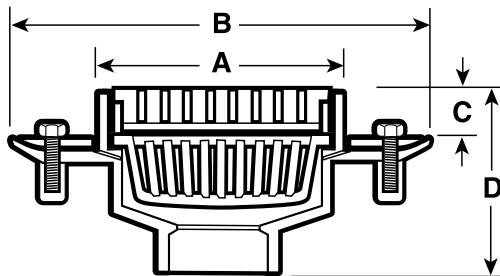


- Manufactured in PVC to provide maximum strength with minimum maintenance.
- Excellent resistance to chemicals, will not chip, rust or corrode.
- Engineered to achieve maximum efficiency at low installed costs.
- Light weight facilitates ease of handling, transportation and installation.

### ► features

- Canplas Endura® Floor Drains are produced from high strength, chemically resistant PVC to ensure that they are tough, durable and capable of withstanding job site abuse. Endura® Floor Drains are unaffected by most corrosive fluids and possess excellent resistance to abrasion and gouging allowing them to maintain their appearance with minimum maintenance.
- Canplas Endura® Floor Drains have been engineered for value. Maximum efficiency at a low installed cost.
- The Endura® Floor Drain is for use in light traffic areas where a shallow drain is required. In on-grade locations the body flange and flashing collar act as an anchor. When installed in waterproof floors, the drains serve as a flashing device. The Canplas Endura® Floor Drain is suitable for use in commercial, industrial and residential applications where water and other fluids must be removed.

Part No.	Outlet Size	Outlet Type	A	B	C	D	Grate Free Area Sq. Inches
374750	3"	Hub	8 1/2"	12	1 5/8"	5 13/16"	20.13
374751	4"	Hub	8 1/2"	12	1 5/8"	6 1/16"	20.13



### ► approvals

- IAPMO approved

### ► installation instructions

- Each lightweight, pre-assembled unit can be installed in minutes. When drains have to be installed in awkward, hard to reach areas, the Endura® Floor Drain makes placing and transporting easy. This floor drain can be adapted to all types of floor construction and finishes. Membrane can be hot-mopped over the floor drain body before installing the clamp ring (flashing collar).

### ► grate strength

- The average failure load for the Canplas Endura® Floor Drain is 5,160 lbs. The maximum safe load (average failure load divided by 4) is 1,290 lbs.

### ► flow rate

- The maximum flow rate for the Endura® Floor Drain is 44 GPM at a 2" water level.

### ► product specification

- **Long Form:** Furnish and install a PVC Floor Drain (Canplas 374750, 3" outlet; Canplas 374751, 4" outlet) for fixed height, low traffic areas. Drain to have 8" diameter grate, sediment strainer, removable flashing collar secured with 6 rust resistant bolts and a wide flange body.
- **Short Form:** Furnish and install a PVC Floor Drain (Canplas 374750, 3" outlet; Canplas 374751, 4" outlet) complete with grate, removable strainer and wide flange body.

# 6.0 ENGINEERED DRAINS

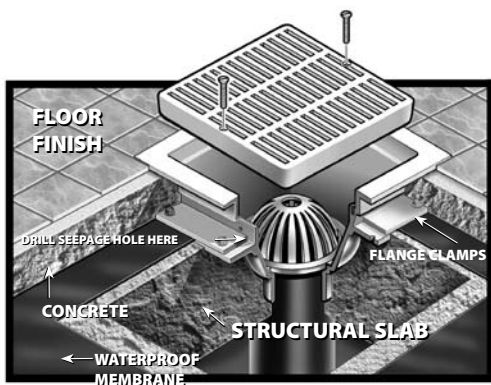
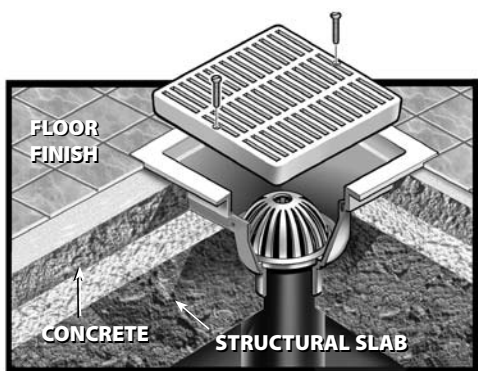
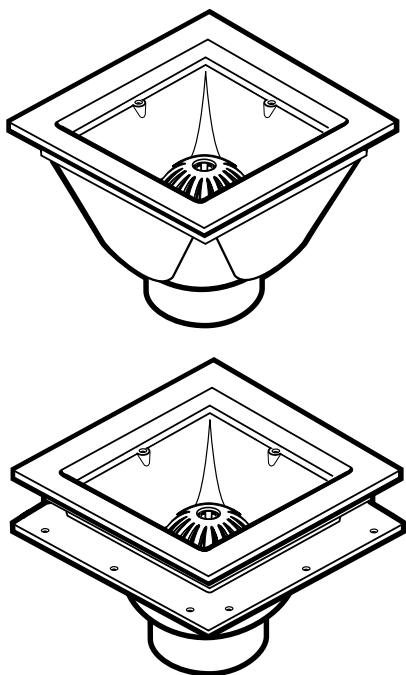
## FLOOR SINKS

### ► features

- The precision molded Canplas floor sink offers an alternative to higher priced metal floor sinks. Constructed of high quality PVC, the Canplas floor sink is engineered to conform to strict plumbing codes and to provide maximum sanitary conditions at substantially reduced costs.
- The Canplas floor sink is lightweight, easy to install and has excellent resistance to chemicals such as the acids contained in fruits, vegetables and fatty substances. The PVC surface is smooth, for easy cleaning, and will not chip, rust or corrode.
- Designed for use in applications requiring an indirect waste receiver, the Canplas floor sink provides the maximum in sanitary conditions. Examples of these applications are buildings where food is handled or processed, such as: restaurants, cafeterias, supermarkets, food processing plants and dairies. Other areas demanding absolute cleanliness would be hospitals, clinics and laboratories. Unlike regular floor sinks that have rough surfaces with many crevices, the Canplas floor sink has a smooth, uniformly contoured interior designed for easy cleaning and corrosion resistance. The Canplas floor sink meets the highest standards, yet is priced substantially lower than comparable metal floor sinks.

### ► approvals

- IAPMO approved.



## INSTALLATION INSTRUCTIONS

The Canplas flanged floor sink bodies are furnished with a flange and flange clamps.

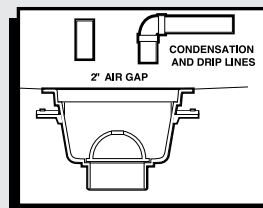
Typical installations are illustrated as follows:

### STANDARD FLOOR

The flange rigidly anchors the body in the concrete slab.

### WATERPROOF MEMBRANE FLOOR

In floors provided with a waterproofing membrane, the floor sink body utilizes the flange with flange clamps to secure the membrane to the floor sink. Seepage holes should be drilled where marked on the body of the floor sink prior to installation.

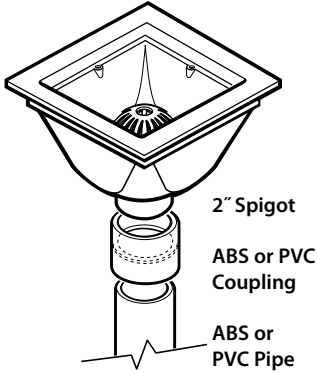
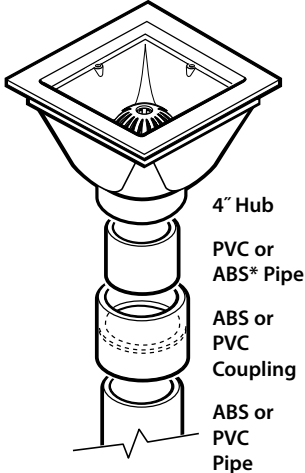
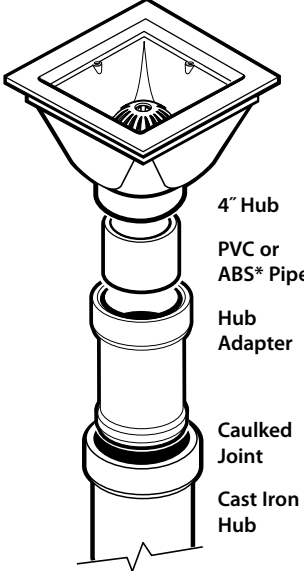
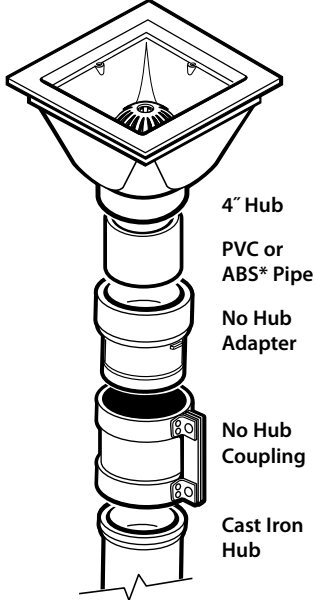


# 6.0 ENGINEERED DRAINS

## INSTALLATION INSTRUCTIONS (continued)

### ► joining to piping systems

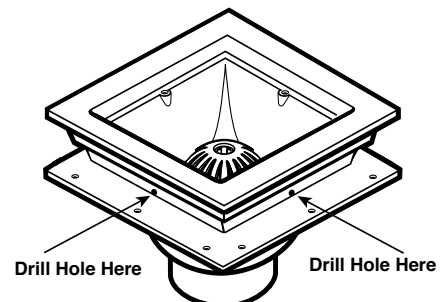
The following methods are recommended for joining a Canplas floor sink to a building drainage system.  
Before installation, check local codes for approved methods.

CANPLAS FLOOR SINK TO:		CANPLAS FLOOR SINK TO:	
► plastic pipe 2" spigot outlet or 4" hub outlet		► cast iron pipe 4" hub outlet	
<p><b>Spigot to Hub</b></p>  <p>2" Spigot ABS or PVC Coupling ABS or PVC Pipe</p>	<p><b>Hub to Hub</b></p>  <p>4" Hub PVC or ABS* Pipe ABS or PVC Coupling ABS or PVC Pipe</p>	<p><b>Hub to Hub</b></p>  <p>4" Hub PVC or ABS* Pipe Hub Adapter Caulked Joint Cast Iron Hub</p>	<p><b>Hub to No Hub</b></p>  <p>4" Hub PVC or ABS* Pipe No Hub Adapter No Hub Coupling Cast Iron Hub</p>
<p>*When joining ABS pipe to PVC floor sink, use approved solvent cement.</p> <ol style="list-style-type: none"> <li>1. Solvent cement a small piece of pipe 6" long to the floor sink (4" Hub to Hub installation only).</li> <li>2. Attach a solvent weld coupling or change of direction fitting to the small piece of pipe for 4" installation and onto the spigot for the 2" installation.</li> <li>3. Attach component used in number 2 to the drainage system.</li> </ol>		<ol style="list-style-type: none"> <li>1. Solvent cement a small piece of pipe 6" long to the floor sink.</li> <li>2. Solvent cement appropriate adapter fitting to piece of pipe (Hub adapter for Hub pipe and No Hub adapter for No Hub pipe).</li> <li>3. Attach component used in number 2 to the drainage system (caulked joint for Hub pipe and mechanical joint coupling for No Hub pipe).</li> </ol>	

### ► reducing

Where the floor sink outlet is 4" Hub there may be a requirement to reduce down to 3" or 2" pipe. This can be accomplished by using either reducer bushings or reducer couplings, as required.

**When using a waterproof membrane,** drill holes on the floor sink body, as indicated, before attaching to the drainage system.



# 6.0 ENGINEERED DRAINS

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 6.3 ROOF DRAINS

### ROOF DRAINS DOME/BODY



<b>2" HUB</b> (PVC/PVC)	373552	90	5	2.989	10662671370010
<b>3" HUB</b> (PVC/PVC)	373553	90	5	3.1	10662671370027
<b>4" HUB</b> (PVC/PVC)	373554	90	5	3.21	10662671370188



<b>6" SPIGOT</b> (ABS/PVC)	373556	36	2	6.378	10662671370034
<b>8" SPIGOT</b> (ABS/PVC)	373558	36	2	6.909	10662671370041

### ROOF DRAIN WITH CAST-IRON DOME & GRAVEL GUARD, PVC (WHITE)



2" HUB	373552WCI	-	1	5.787	10662671370409
3" HUB	373553WCI	-	1	5.732	10662671370393
4" HUB	373554WCI	-	1	5.82	10662671370386

### DOME STRAINERS



2", 3" & 4" ROOF DRAINS	373552-3	-	20	0.82	10662671370300
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6" & 8" ROOF DRAINS	373556-3	-	15	1.184	10662671370331
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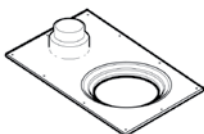
### FLASHING COLLARS



2", 3" & 4" ROOF DRAINS	373552-2	-	1	0.542	10662671370294
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6" & 8" ROOF DRAINS	373556-2	-	1	0.97	10662671370324
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### OVERFLOW UNIT



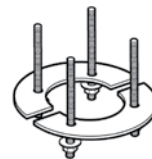
2", 3" & 4" ROOF DRAINS	373555-2	-	5	1.984	10662671370317
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SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 6.3 ROOF DRAINS CONTINUED..

### UNDER DECK CLAMPS

ENAMEL COATED,  
STEEL COLLAR WITH 6" STUDS,  
WASHERS AND NUTS



2", 3" & 4" ROOF DRAINS	373555	625	5	2.535	10662671370218
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6" & 8" ROOF DRAINS	373557	360	5	0.066	10662671370195
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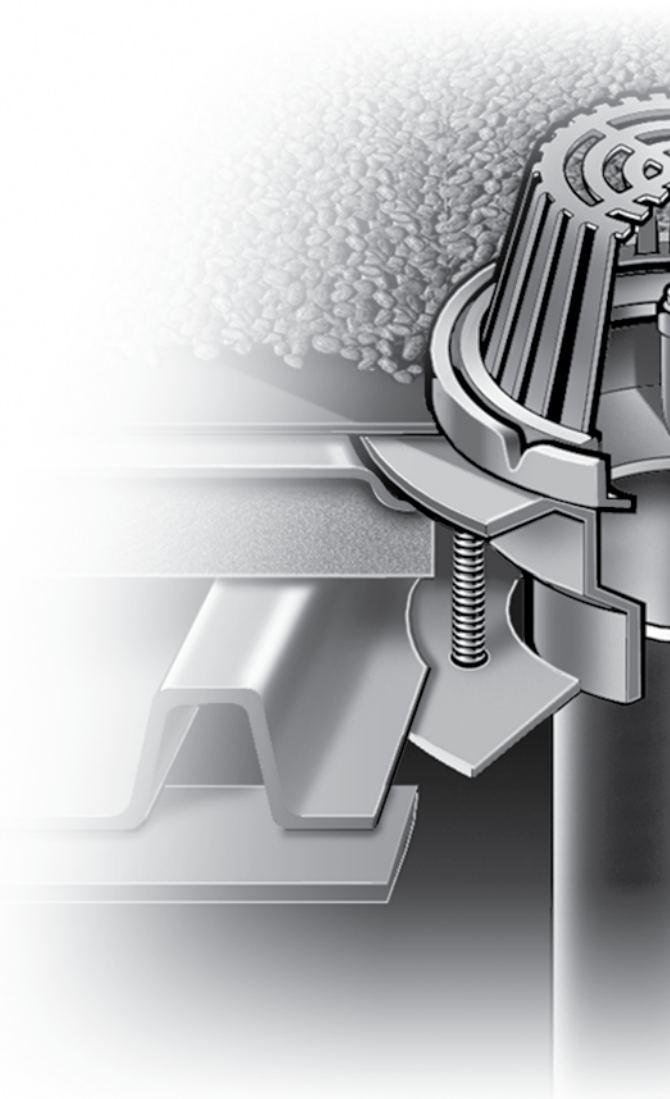
### REPLACEMENT HARDWARE KIT, ALL SIZES OF ROOF DRAINS

2- #10 x 1/2" PHILLIPS SCREWS &  
4- 5/16" -18 x 1-3/8" HEX HEAD SCREW

-	37355NH	-	1	0.331	10662671370287
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ENGINEERED DRAINS

canplas®





# 6.0 ENGINEERED DRAINS

## ROOF DRAINS

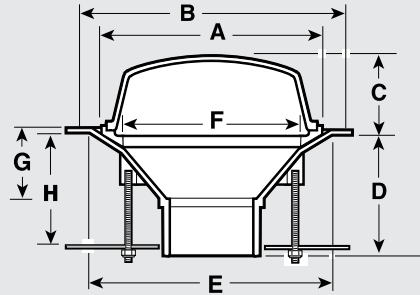
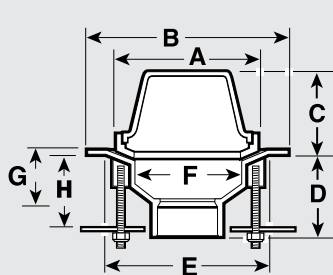
### dimensional information

PART #	OUTLET SIZE	OUTLET TYPE	A	B	C	D	E	F	G	H		DOME FREE AREA SQ. INCHES
										MIN.	MAX.	
373552	2"	Hub	8	10 3/4	4 1/8	3 7/8	9 1/2	6 1/4	2 5/8	2	7	37.88
373553	3"	Hub	8	10 3/4	4 1/8	4 1/2	9 1/2	6 1/4	2 5/8	2	7	37.88
373554	4"	Hub	8	10 3/4	4 1/8	4 3/4	9 1/2	6 1/4	2 5/8	2	7	37.88
373556	6"	Spigot	13 1/4	16	4 1/8	4 13/32	14 1/2	11 1/4	3 1/2	2 1/2	7 1/4	103.90
373558	8"	Spigot	13 1/4	16	4 1/8	4 13/32	14 1/2	11 1/4	2 3/4	2 1/2	7 1/4	103.90

A - Outside diameter of clamping ring/gravel guard  
B - Outside diameter of flange  
C - Height of dome above flange

D - Distance between flange and drain outlet  
E - Recommended roof deck opening  
F - Diameter of sump

G - Depth of sump  
H - Distance between underdeck clamp and flange



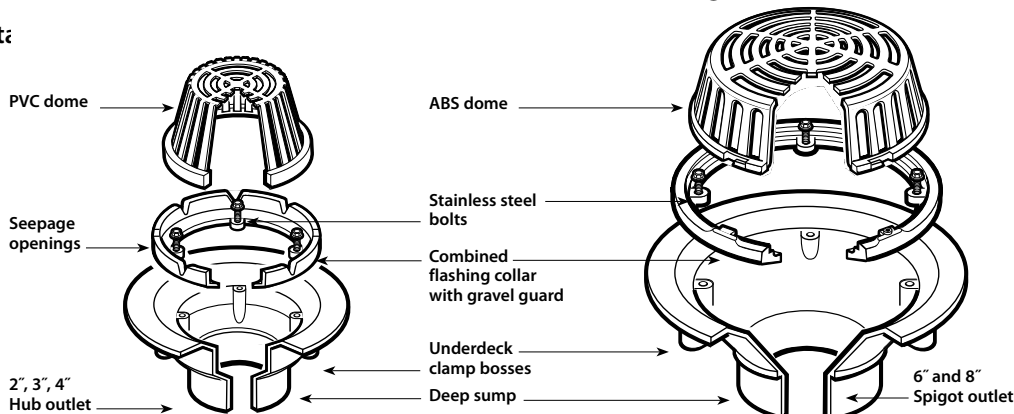
### crush strength of roof drains

In order to demonstrate the strength of the Canplas roof drain domes, crush tests were conducted at temperatures of 10°C and 23°C. The subject domes were placed between parallel plates upon which a load was applied at 1/2" per minute. The loads shown are the highest values obtained during the tests.

Average Crush Strength of Roof Drain Domes		-10°C (15°F)	23°C (73°F)
	PVC Dome	3,752 kg (8,265 lbs.)	3,827 kg (8,430 lbs.)
	ABS Dome	885 kg (1,950 lbs.)	969 kg (2,135 lbs.)

### Canplas roof drains are furnished with the following:

- Dome with debris guard slots
- Threaded inserts
- (4) Rust resistant bolts
- Self-tapping screws
- Combined flashing collar and gravel stop
- Seepage openings
- Pre-drilled holes for locking screws



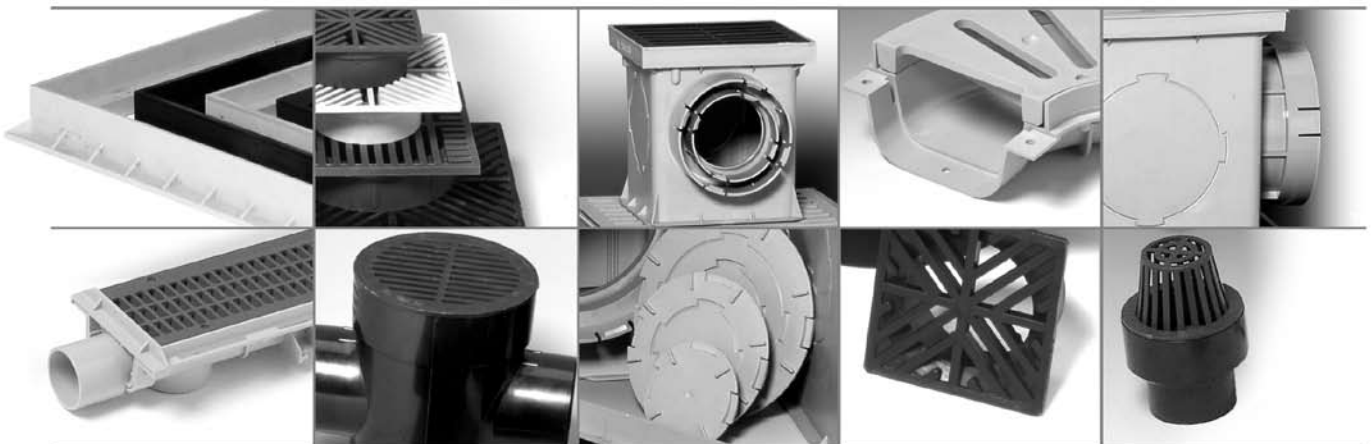
ENGINEERED DRAINS

canplas®

# 7.0 **SURFACE DRAINAGE**



## **canplas®** **SURFACE DRAINAGE**



A complete line of high quality, surface drainage products designed to utilize the benefits of plastic; lightweight, durable and corrosion resistant.

Note: Carton Quantities are subject to change.  
Please refer to your current price list for up-to-date information.

**SURFACE DRAINAGE**

**canplas®**

# 7.0 SURFACE DRAINAGE

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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## 7.1 4" MODULAR CHANNELS

**4" MODULAR CHANNEL  
-SHALLOW PROFILE (2" DEEP),  
MATERIAL: PVC**



4" x 20" Gray	478941	-	10	1.08	10662671471632
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**4" MODULAR CHANNEL  
WITH 2" DWV HUB  
BOTTOM OUTLET  
SHALLOW PROFILE (2" DEEP),  
MATERIAL: PVC**



4" x 20" Gray	478942	-	10	1.08	10662671471366
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**4" LIGHT DUTY CHANNEL  
DRAIN GRATE,  
MATERIAL: PVC, LOAD RATING: A**



4" x 20" Gray	478372	-	10	0.694	10662671471342
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**4" LIGHT DUTY CHANNEL  
DRAIN COVER**



4" x 20" Gray	478542	-	10	1.102	10662671471359
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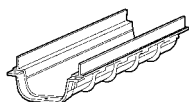
**4" END CAP WITH KNOCKOUT  
OUTLET - SHADOW PROFILE  
MATERIAL: PVC WITH 1-1/2" DWV KNOCKOUT OUTLET**



4" Gray	479141	-	10	0.154	10662671471373
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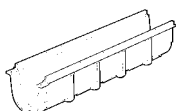
## 7.2 5" MODULAR CHANNELS

**5" MODULAR CHANNEL  
-SHALLOW PROFILE  
(2-5/8" DEEP)  
MATERIAL: PVC**



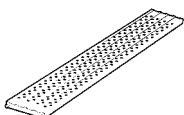
5" x 20" Gray	478944	-	10	1.356	10662671470130
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**5" MODULAR CHANNEL  
-DEEP PROFILE  
(2-5/8" DEEP)  
MATERIAL: PVC**



5" x 20" Gray	478943	-	10	2.028	10662671470116
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**5" LIGHT DUTY  
CHANNEL DRAIN GRATE,  
MATERIAL: PVC, LOAD RATING: A**

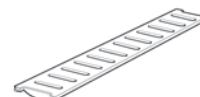


**LIGHT DUTY, PERFORATED TRENCH DRAIN GRATE**  
5" x 20" Gray 478344 - 10 1.477 10662671470079

SIZE	PART #	SKID QTY.	CTN. QTY.	WEIGHT (LBS.)	CARTON BAR CODE
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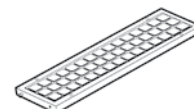
## 7.2 5" MODULAR CHANNELS CONTINUED..

**5" MEDIUM DUTY CHANNEL  
DRAIN GRATE, MATERIAL: PVC,  
LOAD RATING: B**



5" x 20" Gray	478343	-	10	1.843	10662671470055
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**5" LIGHT DUTY CHANNEL  
DRAIN GRATE, MATERIAL: PVC,  
LOAD RATING: A**



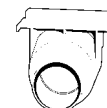
**TRENCH DRAIN COVER**  
5" x 20" Gray 478543 - 10 1.62 10662671470086

**5" END CAP WITH KNOCKOUT  
OUTLET-SHALLOW PROFILE  
(2-5/8"), MATERIAL: PVC**



**WITH 1-1/2" DWV KNOCKOUT OUTLET**  
5" Gray 479140 - 10 0.19 10662671470161

**5" END CAP WITH KNOCKOUT  
OUTLET-DEEP PROFILE (5-1/2"),  
MATERIAL: PVC WITH 3" SEWER & DRAIN OUTLET**



5" Gray	479142	-	15	0.47	10662671470147
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### LOAD RATINGS

**Light Duty (A):** 0 - 60 PSI

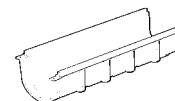
Recommended for non-vehicular applications such as pedestrian, bicycle or wheel chair traffic.

**Medium Duty (B):** 61-175 PSI

Recommended for light vehicular traffic such as cars with speeds not exceeding 20 mph.

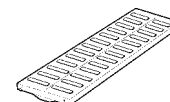
## 7.3 8" MODULAR CHANNELS

**8" MODULAR CHANNEL  
-DEEP PROFILE (6-3/8" DEEP),  
MATERIAL: PVC**



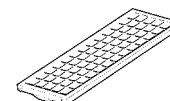
8" x 20" Gray	478973	-	10	3.038	10662671470123
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**8" MEDIUM DUTY CHANNEL  
DRAIN GRATES,  
MATERIAL: PVC, LOAD RATING: B**



8" x 20" Gray	478373	-	10	4.277	10662671470062
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**8" LIGHT DUTY CHANNEL  
DRAIN COVER, MATERIAL: PVC,  
LOAD RATING: A**



8" x 20" Gray	478573	-	10	4.696	10662671470093
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SURFACE DRAINAGE

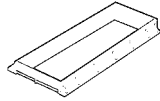
canplas®

# 7.0 SURFACE DRAINAGE

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

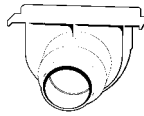
## 7.1 4" MODULAR CHANNELS

**8" FRAME,**  
MATERIAL: PVC



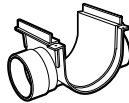
8" x 20" Gray    478773    -    10    1.565    10662671470109

**8" END CAP WITH KNOCKOUT  
OUTLET-DEEP PROFILE**  
MATERIAL: PVC



8" Gray    479172    -    10    0.745    10662671470154

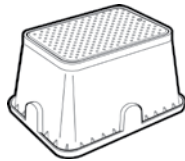
**8" DEEP SIDE-OUTLET  
JUNCTION DRAIN  
(2" x 4" OUTLETS)**



8" Gray    479944    -    10    2.921    10662671471731

## 7.4 RECTANGULAR VALVE BOXES & LIDS

**STANDARD RECTANGULAR  
VALVE BOXES WITH LID,**  
MATERIAL: POLYPROPYLENE,  
LOADING RATING: A



**6" STANDARD**

6" BLACK/GREEN    480600G    -    1    6.21    10662671480368

**10" STANDARD**

10" BLACK/GREEN    481000G    -    1    4.381    10662671480610

10" BLACK/BLACK

481000B    -    1    4.381    10662671480603

10" BLACK/GREEN SEWER

481000GSEW    -    1    9.656    10662671481327

**12" STANDARD**

12" BLACK/GREEN    481200G    -    1    8.45    10662671480788

12" BLACK/BLACK

481200B    -    1    8.45    10662671480733

12" BLACK/GREEN SEWER

481200GSEW    -    1    18.629    10662671481396

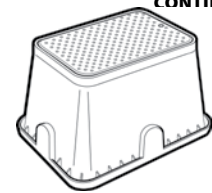
12" BLACK/BLACK

481200RB    -    1    8.45    10662671480801

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 7.4 RECTANGULAR VALVE BOXES & LIDS

**JUMBO RECTANGULAR  
VALVE BOXES WITH LID**  
MATERIAL: POLYPROPYLENE,  
LOAD RATING: A



CONTINUED..

**6" JUMBO**

6" BLACK/GREEN    480610G    -    1    8.79    10662671480443

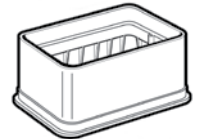
**12" JUMBO**

12" BLACK/GREEN    481500G    -    1    14.579    10662671481006

12" BLACK/BLACK    481500B    -    1    14.579    10662671480955

**JUMBO RISERS FOR  
RECTANGULAR VALVE  
BOXES WITH LID**

MATERIAL: POLYPROPYLENE, LOAD RATING: A



BODY ONLY

12" BLACK    480600E    -    1    3.459    10662671480290

**STANDARD RECTANGULAR  
VALVE LIDS**

MATERIAL: POLYPROPYLENE,  
LOADING RATING: A



**10" STANDARD**

10" GREEN    481000-1G    -    1    1.38    10662671480580

**12" STANDARD**

12" GREEN    481200-1G    -    1    2.749    10662671480696

12" GREEN SEWER    481200-1GSEW    -    1    6.063    10662671481365

**12" JUMBO RECTANGULAR VALVE BOX LIDS**

6" & 12" GREEN    481500-1G    -    1    4.081    10662671480917

6" & 12" BLACK    481500-1B    -    1    4.081    10662671480863

**WITH BOLT DOWN LID**

6" & 12" GREEN    481500-1BG    -    1    4.081    10662671480887

6" & 12" BLACK    481500-1BB    -    1    4.081    10662671480870

SURFACE DRAINAGE

**canplas®**



# 7.0 SURFACE DRAINAGE

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 7.5 ROUND VALVE BOXES & LIDS

### ROUND VALVE BOXES,

MATERIAL: POLYPROPYLENE,  
LOAD RATING: A



### ROUND VALVE BOX WITH LID

6" BLACK/GREEN

480060G - 1 1.179 10662671480061

6" GREEN SEWER LID

480060GSEW - 36 2.601 10662671481181

6" GREEN WATER LID

480060GW - 1 1.179 10662671481198

### BODY ONLY

6" BLACK 480060 - 1 0.851 10662671481068

### ROUND VALVE BOX WITH LID

10" BLACK/GREEN

480100G - 1 3.3 10662671480214

10" BLACK/GREEN SEWER

480100GSEW - 1 7.275 10662671481242

10" GREEN WATER LID

480100GW - 1 3.3 10662671481259

### ROUND VALVE LIDS,

MATERIAL: POLYPROPYLENE,  
LOAD RATING: A



6" GREEN 480060-1G - 1 0.331 10662671480023

6" BLACK 480060-1B - 1 0.331 10662671480016

### WITH BOLT DOWN LID

10" GREEN 480100-1G - 1 0.741 10662671480139

10" BLACK 480100-1B - 1 0.741 10662671480122

10" GREEN SEWER

480100-1GSEW - 1 1.631 10662671481211

SIZE      PART #      SKID      CTN.      WEIGHT      CARTON  
QTY.      QTY.      (LBS.)      BAR CODE

## 7.6 CATCH BASINS, GRATES & ACCESSORIES

### ROUND GRATES - 3", 4", 6",

MATERIAL: POLYPROPYLENE,  
LOAD RATING: A



### FITS 4" SEWER & DRAIN

### PIPE/FITTINGS AND 4" CORRUGATED PIPE

4" BLACK 471030B 2160 30 0.176 10662671470260

4" Gray 471030G 2160 30 0.176 10662671470277

4" GREEN 471030GN 2160 30 0.176 10662671470253

### FITS 6" ROUND CATCH BASIN, 6" SEWER

### & DRAIN PIPE/FITTINGS AND 6" CORRUGATED PIPE

6" BLACK 471050B 720 10 0.401 10662671470291

6" Gray 471050G 720 10 0.401 10662671470307

6" GREEN 471050GN 720 10 0.401 10662671470284

### ATRIUM CATCH BASIN

### GRATES - 3", 4" & 6",

MATERIAL: POLYPROPYLENE



### FITS 4" SEWER & DRAIN

### PIPE/FITTINGS AND 4"

### CORRUGATED PIPE

4" BLACK 471430B 1440 20 0.198 10662671470505

4" Gray 471430G 1440 20 0.198 10662671470512

4" GREEN 471430GN 1440 20 0.198 10662671470499

### ROUND CATCH BASINS,

MATERIAL: ABS

### FITS 3" x 4" DWV SEWER & DRAIN FITTINGS AND

### CORRUGATED PIPE. TOP OUTLET FITS 6" SEWER AND DRAIN PIPE



### CATCH BASIN, SINGLE OUTLET

6" BLACK 475630 180 10 1.208 10662671470208



### CATCH BASIN, DOUBLE OUTLET

6" BLACK 475632 180 10 1.442 10662671470215

SURFACE DRAINAGE

canplas®

Two of the major advantages of thermoplastics in the process industries, beyond economy of installation and maintenance, are their outstanding chemical resistance and immunity to the corrosion that affects most metal piping systems. The following table gives the chemical resistance of the four Canplas thermoplastics piping materials for a very extensive list of chemical and industrial fluids and gases.

Note: This data is presented as a general guide and is not intended to be, nor should it be construed as, any type of warranty of merchantability or fitness of a particular product or its performance. The data presented in this chart was gathered under controlled laboratory conditions employing only immersion testing in an unstressed environment.

This information may be considered as a basis for recommendation but not as a guarantee, because of the widespread variation in actual service conditions, in many chemicals and industrial fluids in respect to the presence of contaminants, concentration, etc. Pipe and fittings made of each of the plastic materials listed should be tested under actual service conditions to determine suitability for a particular purpose.

### IN THE FOLLOWING TABLE, THE LETTER SYMBOLS SIGNIFY:

R - The results of laboratory immersion tests of the plastic materials in the chemical, its aqueous solution or slurry, indicate that no appreciable loss or gain in weight, or serious loss of physical properties occurs. It may be expected that under normal circumstances pipe and fittings made of this plastic material will provide good long term service in piping the chemical at the temperature indicated and appropriate recommended pressures.

F - Some grades of the chemical or industrial fluid in questions have been shown in laboratory immersion tests to affect the plastic material appreciably. Considerable difference in actual chemistry analysis exists in many industrial fluids and different effects can be obtained with materials called by the same general name. Varying in degree from slight to severe, one or more of such effects on the plastic as swelling, embrittlement, gain or loss in weight, loss or tensile strength, softening, discoloration, etc., may have been noted. Nonetheless plastic pipe and fittings have with some industrial chemicals in this category proven economically advantageous and serviceable in applications such as suction or intermittent drainage lines not involving continuous pressure. Field testing of the plastic piping under actual service conditions is recommended in these cases.

NR - These chemicals produce drastic deleterious effects on the plastics material in a relatively short period of time. Therefore, pipe and fittings made of the plastic material cannot be expected to convey these chemicals satisfactorily. However, in waste piping systems, these chemicals can be disposed of intermittently in reasonable quantities with continuous and abundant flushing with water.

Chemical	PVC			ABS			PP		
	72°F	140°F	73°F	120°F	160°F	73°F	120°F	150°F	180°F <sup>2</sup>
Acetaldehyde	NR	NR	NR	NR	NR	NR	R	R	NR
Acetate Solvents, Crude	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetic Acid, 10%	R	R	NR	NR	NR	R	R	R	R
Acetic Acid, 20%	R	R	NR	NR	NR	R	R	R	R
Acetic Acid, 50%	F	NR	NR	NR	NR	R	R	R	R
Acetic Acid, 80%	NR	NR	NR	NR	NR	R	F	F	NR
Acetic Acid Glacial	NR	NR	NR	NR	NR	R	R	R	F
Acetic Anhydride	NR	NR	NR	NR	NR	R	R	R	F
Acetone	NR	NR	NR	NR	NR	R	R	R	F
Acetophenone	NR	NR	NR	NR	NR	F	F	F	NR
Acetyl Chloride	NR	NR	NR	NR	NR	NR	NR	NR	NR
Acetylene	NR	NR	NR	NR	NR	NR	NR	NR	NR
Adipic Acid	R	R	NR	NR	NR	R	R	R	R
Air	R	R	NR	NR	NR	R	R	R	R
Alcohol, Allyl	NR	NR	NR	NR	NR	R	R	R	R
Alcohol, Amyl	NR	NR	NR	NR	NR	R	R	R	R
Alcohol, Butyl	NR	NR	NR	NR	NR	R	R	R	R
Alcohol, Ethyl	R	R	R-NR	NR	NR	R	R	R	R
Alcohol, Methyl	R <sup>1</sup>	R <sup>1</sup>	R-NR	NR	NR	R	R	R	R

R = Satisfactory

POLYVINYL CHLORIDE (PVC)

ACRYLONITRILE-BUTADIENE-STYRENE

<sup>1</sup>Not recommended for chlorine compounds that form nascent (radical or atomic) chlorine.

<sup>2</sup>For drainage application only.

<sup>3</sup>Could contain surfactants which cause stress cracking, recommend testing prior to use.

<sup>4</sup>Not recommended for system under stress.

F = Some Attack

ABS

PP

NR = Unsatisfactory

POLYPROPYLENE (PP)

NR = Unsatisfactory

Chemical	PVC			ABS			PP		
	72°F	140°F	73°F	120°F	160°F	73°F	120°F	150°F	180°F <sup>2</sup>
Alcohol, Propyl	R	NR	R	NR	NR	R	R	R	R
Allyl Chloride	NR	NR	NR	NR	NR	NR	NR	NR	NR
Alum	NR	NR	NR	NR	NR	NR	NR	NR	NR
Alum, Ammonium	NR	NR	NR	NR	NR	NR	NR	NR	NR
Alum, Chrome	R	R	R	R	R	R	R	R	R
Alum, Potassium	R	R	R	R	R	R	R	R	R
Aluminum Chloride	R	R	R	R	R	R	R	R	R
Aluminum Fluoride	R	R	R	R	R	R	R	R	R
Aluminum Hydroxide	R	R	R	R	R	R	R	R	R
Aluminum Nitrate	R	R	R	R	R	R	R	R	R
Aluminum Oxide	R	R	R	R	R	R	R	R	R
Aluminum Oxide, 10%	R	R	R	R	R	R	R	R	R
Aluminum Oxide, 25%	R	R	R	R	R	R	R	R	R
Aluminum Oxide, 50%	R	R	R	R	R	R	R	R	R
Ammonia, Gas	R	R	R	R	R	R	R	R	R
Ammonia, Aqueous Sol.	R	R	R	R	R	R	R	R	R
Ammonia (Concentrated)	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ammonium Acetate	R	R	R	R	R	R	R	R	R
Ammonium Bicarbonate	R	R	R	R	R	R	R	R	R
Ammonium Carbonate	R	R	R	R	R	R	R	R	R
Ammonium Chloride	R	R	R	R	R	R	R	R	R
Ammonium Fluoride, 10%	R	R	R	R	R	R	R	R	R
Ammonium Fluoride, 25%	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ammonium Hydroxide	R	R	R	R	R	R	R	R	R
Ammonium Metaphosphate	R	R	R	R	R	R	R	R	R
Ammonium Nitrate	R	R	R	R	R	R	R	R	R
Ammonium Persulfate	R	R	R	R	R	R	R	R	R
Ammonium Phosphate	R	R	R	R	R	R	R	R	R
Ammonium Sulfate	R	R	R	R	R	R	R	R	R
Ammonium Sulfide	R	R	R	R	R	R	R	R	R
Ammonium Thiocyanate	R	R	R	R	R	R	R	R	R
Amyl Acetate	NR	NR	NR	NR	NR	NR	NR	NR	NR
Amyl Chloride	NR	NR	NR	NR	NR	NR	NR	NR	NR
Aniline	NR	NR	NR	NR	NR	NR	NR	NR	NR
Aniline Hydrochloride	NR	NR	NR	NR	NR	NR	NR	NR	NR
Anthrquinone Sulfonic Acid	R	R	R	R	R	R	R	R	R
Antimony Trichloride	R	R	R	R	R	R	R	R	R
Aqua Regia	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ar senic Acid	R	R	R	R	R	R	R	R	R
Aryl Sulfonic Acid	NR	NR	NR	NR	NR	NR	NR	NR	NR
Barium Carbonate	R	R	R	R	R	R	R	R	R
Barium Chloride	R	R	R	R	R	R	R	R	R
Barium Hydroxide	R	R	R	R	R	R	R	R	R
Barium Sulfate	R	R	R	R	R	R	R	R	R
Barium Sulfide	R	R	R	R	R	R	R	R	R
Beer	R	R	R	R	R	R	R	R	R
Beet Sugar Liquors	R	R	R	R	R	R	R	R	R
Benzaldehyde, above 10%	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzene, Benzol	NR	NR	NR	NR	NR	NR	NR	NR	NR
Benzene Sulfonic Acid, 10%	R	R	R	R	R	R	R	R	R
Benzoinic Acid, 2%	R	R	R	R	R	R	R	R	R
Benzyl Alcohol	NR	NR	NR	NR	NR	NR	NR	NR	NR
Bismuth Carbonate	R	R	R	R	R	R	R	R	R
Black Liquor	R	R	R	R	R	R	R	R	R

NR = Unsatisfactory

POLYPROPYLENE (PP)

NR = Unsatisfactory

POLYPROPYLENE (PP)

NR = Unsatisfactory

NR = Unsatisfactory

# CHEMICAL RESISTANCE CHART

Chemical	PVC			ABS			PP		
	72°F	140°F	73°F	120°F	160°F	73°F	120°F	150°F	180°F <sup>2</sup>
Bleach, 12.5% Active Cl <sup>2</sup>	R	R	R	R	NR	NR	NR	NR	NR
Borax	R	R	R	R	R	R	R	R	R
Boric Acid	R	R	R	R	R	R	R	R	R
Breeder Pellets, Deriv. Fish	R	R	R	R	R	R	R	R	R
Brine, Acid	R	R	R	R	R	R	R	R	R
Bromic Acid	R	R	R	R	R	R	R	R	R
Bromine, Liquid	NR	NR	NR	NR	NR	NR	NR	NR	NR
Bromine Water	NR	NR	NR	NR	NR	NR	NR	NR	NR
Bromine Water, Saturated	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butadiene	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butane	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butanol, Primary	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butanol, Secondary	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butyl Acetate	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butyl Alcohol	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butyl Phthalate	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butylene	R	R	R	R	R	R	R	R	R
Butyl Phenol	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butyne Diol	NR	NR	NR	NR	NR	NR	NR	NR	NR
Butyric Acid	NR	NR	NR	NR	NR	NR	NR	NR	NR
Calcium Bisulfide	NR	NR	NR	NR	NR	NR	NR	NR	NR
Calcium Bisulfite	R	R	R	R	R	R	R	R	R
Calcium Carbonate	R	R	R	R	R	R	R	R	R
Calcium Chlorate	R	R	R	R	R	R	R	R	R
Calcium Chloride	R	R	R	R	R	R	R	R	R
Calcium Hydroxide	R	R	R	R	R	R	R	R	R
Calcium Hypochlorite	R	R	R	R	R	R	R	R	R
Calcium Nitrate	R	R	R	R	R	R	R	R	R
Calcium Sulfate	R	R	R	R	R	R	R	R	R
Carbide	R	R	R	R	R	R	R	R	R
Carbide, Sugar Liquors	R	R	R	R	R	R	R	R	R
Carbon Bisulfide	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbon Dioxide, wet	R	R	R	R	R	R	R	R	R
Carbon Dioxide, dry	R	R	R	R	R	R	R	R	R
Carbon Disulfide	NR	NR	NR	NR	NR	NR	NR	NR	NR
Carbonic Acid	R	R	R	R	R	R	R	R	R
Carbon Monoxide	R	R	R	R	R	R	R	R	R
Carbon Tetrachloride	NR	NR	NR	NR	NR	NR	NR	NR	NR
Castor Oil	R	R	R	R	R	R	R	R	R
Caustic Potash	R	R	R	R	R	R	R	R	R
Caustic Soda	R	R	R	R	R	R	R	R	R
Cellosolve	R	R	R	R	R	R	R	R	R
Chloral Hydrate	R	R	R	R	R	R	R	R	R
Chloric Acid, 20%	R	R	R	R	R	R	R	R	R
Chlorine Gas, dry	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chlorine Gas, wet	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chlorine, Liquid	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chlorine Water, Saturated	R	R	R	R	R	R	R	R	R
Chloroacetic Acid	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chlorobenzene	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chlorobenzyl Chloride	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chloroform	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chlorosulfonic Acid, 100%	F	NR	NR	NR	NR	NR	NR	NR	NR
Chlorox Bleach Solution, 5.5% Cl <sup>2</sup>	R	R	R	R	R	R	R	R	R
Chrome Alum	R	R	R	R	R	R	R	R	R
Chromic Acid, 10%	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chromic Acid, 30%	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chromic Acid, 40%	NR	NR	NR	NR	NR	NR	NR	NR	NR
Chromic Acid, 50%	NR	NR	NR	NR	NR	NR	NR	NR	NR
Citric Acid Solution	R	R	R	R	R	R	R	R	R
Citric Acid, 10%	R	R	R	R	R	R	R	R	R
Coconut Oil	NR	NR	NR	NR	NR	NR	NR	NR	NR
Coke Oven Gas	NR	NR	NR	NR	NR	NR	NR	NR	NR
Copper Carbonate	R	R	R	R	R	R	R	R	R
Copper Chloride	R	R	R	R	R	R	R	R	R
Copper Cyanide	R	R	R	R	R	R	R	R	R
Copper Fluoride	R	R	R	R	R	R	R	R	R
Copper Nitrate	R	R	R	R	R	R	R	R	R
Copper Salts	R	R	R	R	R	R	R	R	R
Copper Sulfate	R	R	R	R	R	R	R	R	R
Cottonseed Oil	R	R	R	R	R	R	R	R	R
Cresol	NR	NR	NR	NR	NR	NR	NR	NR	NR
Cresylic Acid, 50%	NR	NR	NR	NR	NR	NR	NR	NR	NR
Croton Aldehyde	NR	NR	NR	NR	NR	NR	NR	NR	NR
Crude Oil	R	R	R	R	R	R	R	R	R
Cyclohexane	R	R	R	R	R	R	R	R	R
Cyclohexanol	NR	NR	NR	NR	NR	NR	NR	NR	NR
Cyclohexanone	NR	NR	NR	NR	NR	NR	NR	NR	NR
Decalin	NR	NR	NR	NR	NR	NR	NR	NR	NR
Detergents <sup>3</sup>	R	R	R	R	R	R	R	R	R
Detergent Solution (Heavy Duty)	R	R	R	R	R	R	R	R	R
Dextrin	R	R	R	R	R	R	R	R	R
Dextrose	R	R	R	R	R	R	R	R	R
Diacetone Alcohol	NR	NR	NR	NR	NR	NR	NR	NR	NR
Diazo Salts	R	R	R	R	R	R	R	R	R
Dibutyl Phthalate	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dichloroethylene	NR	NR	NR	NR	NR	NR	NR	NR	NR
Diesel Fuels	R	R	R	R	R	R	R	R	R
Diethyl Ether	NR	NR	NR	NR	NR	NR	NR	NR	NR
Diglycolic Acid	R	R	R	R	R	R	R	R	R
Dimethylamine, Aqueous	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dimethyl Formamide	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dimethylamine	NR	NR	NR	NR	NR	NR	NR	NR	NR
Diethyl Phthalate	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dioxane	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dioxane, 1,4	NR	NR	NR	NR	NR	NR	NR	NR	NR
Disodium Phosphate	R	R	R	R	R	R	R	R	R
Distilled Water	R	R	R	R	R	R	R	R	R
Divinylbenzene	NR	NR	NR	NR	NR	NR	NR	NR	NR
Epichlorohydrin	NR	NR	NR	NR	NR	NR	NR	NR	NR
Esters	R	R	R	R	R	R	R	R	R
Ethanol	R	R	R	R	R	R	R	R	R
Ethers	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ethyl Acetate	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ethyl Acetoacetate	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ethyl Acrylate	NR	NR	NR	NR	NR	NR	NR	NR	NR
Ethyl Alcohol	R	R	R	R	R	R	R	R	R

R = Satisfactory  
 F = Some Attack  
 NR = Unsatisfactory  
 POLYVINYL CHLORIDE (PVC)  
 ACRYLONITRILE-BUTADIENE-STYRENE (ABS)  
 POLYPROPYLENE (PP)  
<sup>1</sup>Not recommended for chlorine compounds that form nascent (radical or atomic) chlorine.  
<sup>2</sup>For drainage application only.  
<sup>3</sup>Could contain surfactants which cause stress cracking, recommend testing prior to use.  
<sup>4</sup>Not recommended for system under stress.

## PLASTIC PIPING MATERIALS



# CHEMICAL RESISTANCE CHART

Chemical	PVC		ABS		PP	
	72°F	140°F	73°F	120°F	160°F	180°F
Ethyl Chloride	NR	NR		NR	NR	NR
Ethyl Ether	NR	NR		NR	NR	NR
Ethylene Bromide	NR	NR		NR	NR	NR
Ethylene Chloride	NR	NR		NR	NR	NR
Ethylene Chlorohydrin	NR	NR		NR	NR	NR
Ethylene Diamine	NR	NR		NR	NR	NR
Ethylene Dichloride	NR	NR		NR	NR	NR
Ethylene Glycol	R	R		R	R	R
Ethylene Oxide	NR	NR		NR	NR	NR
Fatty Acids	R	R	R	R	R	R
Ferric Chloride	R	R	R	R	R	R
Ferric Nitrate	R	R	R	R	R	R
Ferric Sulfate	R	R	R	R	R	R
Ferrous Chloride	R	R	R	R	R	R
Ferrous Nitrate	R	R	R	R	R	R
Ferrous Sulfate	R	R	R	R	R	R
Fish Solubles	R	R	R	R	R	R
Fluorine Gas, wet	R	R	NR	R	R	R
Fluoboric Acid	NR	NR		R	R	R
Fluosilicic Acid	NR	NR		R	R	R
Formaldehyde, 35% Solution	R	R	R	R	R	R
Formaldehyde, 37%	R	R	R	R	R	R
Formaldehyde, 50%	R	R	R	R	R	R
Formic Acid	R	R	R	R	R	R
Formic Acid (Anhydrous)	F	NR	R	R	R	R
Freon F - 11	R	NR	NR	R	R	R
Freon F - 12	NR	NR		R	R	R
Freon F - 22	NR	NR		R	R	R
Fructose	R	R	R	R	R	R
Fruit Juices, Pulp	R	R	R	R	R	R
Furfural	NR	NR	NR	NR	NR	NR
Gallic Acid	R	R	R	R	R	R
Gas, Manufactured	R	R	R	R	R	R
Gas, Natural	R	R	R	R	R	R
Gasoline, Leaded	F	F	NR	NR	NR	NR
Gasoline, Unleaded	F	F	NR	NR	NR	NR
Gasoline, Sour	R	R	NR	NR	NR	NR
Gasoline, Refined	F	F	NR	NR	NR	NR
Gelatin	R	R	R	R	R	R
Gin	R	R	R	R	R	R
Glucose	R	R	R	R	R	R
Glycerine	R	R	R	R	R	R
Glycerol	R	R	R	R	R	R
Glycolic Acid	R	R	R	R	R	R
Glycols	R	R	R	R	R	R
Green Liquor	R	R	R	R	R	R
Heptane	R	NR	R	R	NR	NR
Hexane	NR	NR	R	R	NR	NR
Hexanol, Tertiary	R	R	R	R	NR	NR
Hydrobromic Acid, Dilute	R	R	R	R	R	R
Hydrobromic Acid, 20%	R	R	R	R	R	R
Hydrobromic Acid, 50%	NR	NR	R	R	R	R
Hydrochloric Acid, 35%	R	R	R	R	R	R

Chemical	PVC		ABS		PP	
	72°F	140°F	73°F	120°F	160°F	180°F
Hydrochloric Acid Conc., 38%	R	R			R	R
Hydrochloric Acid, Dilute	R	R			R	R
Hydrocyanic Acid	R	R	R		R	R
Hydrocyanic Acid, 10%	R	R	R		R	R
Hydrofluoric Acid, Dilute	R	NR	R		R	R
Hydrofluoric Acid, 30%	R	NR	R		R	R
Hydrofluoric Acid, 40%	R	NR	R		R	R
Hydrofluoric Acid, 50%	R	NR	R		R	R
Hydrofluoric Acid, 100%	NR	NR		NR		
Hydrofluosilicic Acid	NR	NR		NR		
Hydrogen	R	R			R	R
Hydrogen Cyanide	R	R			R	R
Hydrogen Fluoride	NR	NR			R	R
Hydrogen Peroxide, Dilute	R	R	F	F	R	F
Hydrogen Peroxide, 50%	R	R	R		NR	NR
Hydrogen Peroxide, 90%	R	R	R		R	R
Hydrogen Phosphide	NR	NR			R	R
Hydrogen Sulfide, Dry	R	R			R	R
Hydrogen Sulfide, Aq. Sol.	R	R			R	R
Hydroquinone	R	R			R	R
Hydroxylamine Sulfate	R	R			R	R
Hypo. Sodium Thiosulfate	R	R			R	R
Hypo. Chlorous Acid	R	R	R	R	NR	R
Iodine	NR	NR	NR		NR	
Iodine Solution	NR	NR			R	
Iodine Solution, 10%	R	R			R	
Iodine in Alcohol	R	R			R	R
Isopropyl Alcohol	NR	NR			F	NR
Isopropyl Ether	NR	NR			F	NR
Isocane	R	R			F	NR
Jet Fuel, JP - 4	R	R			F	NR
Jet Fuel, JP - 5	R	R			F	NR
Kerosene	R	R	R		F	NR
Ketones	NR	NR	NR		R	F
Kraft Liquor	R	R	R		F	
Lactic Acid, 25%	R	R	R		NR	R
Lactic Acid, 85%	R	R			R	R
Lard Oil	R	R			R	R
Lauric Acid	R	R			R	R
Lauryl Chloride	R	R			R	R
Le ad Acetate	R	R			R	R
Lemon Oil	R	R			F	
Ligroine	NR	NR			R	
Lime Sulfur	R	R			R	R
Linoleic Acid	R	R			R	R
Linseed Oil	R	R	R	NR	NR	R
Linseed Oil, Blue	R	R			R	R
Liqueurs	R	R			R	R
Lubricating Oil	R	R			R	R
Lye Solutions	R	R			R	R

R = Satisfactory  
 F = Some Attack  
 NR = Unsatisfactory

POLYVINYL CHLORIDE (PVC)  
 POLYPROPYLENE (PP)  
 ACRYLONITRILE-BUTADIENE-STYRENE (ABS)

<sup>1</sup>Not recommended for chlorine compounds that form nascent (radical or atomic) chlorine.  
<sup>2</sup>For drainage application only.  
<sup>3</sup>Could contain surfactants which cause stress cracking, recommend testing prior to use.  
<sup>4</sup>Not recommended for system under stress.



# CHEMICAL RESISTANCE CHART

Chemical	PVC			ABS			PP		
	72°F	140°F	73°F	120°F	160°F	73°F	120°F	150°F	180°F <sup>2</sup>
Machine Oil	R	R	R	R			R	R	NR
Magnesium Carbonate	R	R	R	R			R	R	R
Magnesium Chloride	R	R	R	R			R	R	R
Magnesium Hydroxide	R	R	R	R			R	R	R
Magnesium Nitrate	R	R	R	R			R	R	R
Magnesium Sulfate	R	R	R	R			R	R	R
Maleic Acid	R	R	R	R			R	R	R
Malic Acid	R	R	R	R			R	R	R
Manganese Salts	R	R	R	R			R	R	R
Mercuric Chloride	R	R	R	R			R	R	R
Mercuric Cyanide	R	R	R	R			R	R	R
Mercurous Nitrate	R	R	R	R			R	R	R
Mercury	R	R	R	R			R	R	R
Methane	R	R	R	R			R	R	R
Methyl Alcohol	R <sup>4</sup>	R <sup>4</sup>	R	R			R	R	R
Methyl Bromide	NR	NR	NR	NR			R	R	R
Methyl Cellosolve	NR	NR	NR	NR			R	R	R
Methyl Chloride	NR	NR	NR	NR			R	R	R
Methyl Chloroform	NR	NR	NR	NR			R	R	R
Methyl Ethyl Ketone	NR	NR	NR	NR			R	R	R
Methyl Isobutyl Ketone	NR	NR	NR	NR			R	R	R
Methyl Salicylate	R	R	R	R			R	R	R
Methyl Sulfate	R	R	R	R			R	R	R
Methylenesulfonic Acid	R	R	R	R			R	R	R
Methylene Chloride	NR	NR	NR	NR			R	R	R
Methylisobutyl Carbinol	R	R	R	R			R	R	R
Milk	R	R	R	R			R	R	R
Mineral Oil	R	R	R	R			R	R	R
Molasses	R	R	R	R			R	R	R
Monothanolamine	R	R	R	R			R	R	R
Motor Oil	R	R	R	R			R	R	R
Naphtha	R	R	R	R			R	R	R
Naphthalene	NR	NR	NR	NR			R	R	R
n-Heptane	R	R	R	R			R	R	R
Natural Gas	R	R	R	R			R	R	R
Nickel Chloride	R	R	R	R			R	R	R
Nickel Nitrate	R	R	R	R			R	R	R
Nickel Salt	R	R	R	R			R	R	R
Nickel Sulfate	R	R	R	R			R	R	R
Nicotine	R	R	R	R			R	R	R
Nicotinic Acid	R	R	R	R			R	R	R
Nitric Acid, 10%	R	R	R	R			R	R	R
Nitric Acid, 30%	R	R	R	R			R	R	R
Nitric Acid, 40%	R	R	R	R			R	R	R
Nitric Acid, 50%	R	R	R	R			R	R	R
Nitric Acid, 70%	NR	NR	NR	NR			R	R	R
Nitric Acid, 100%	NR	NR	NR	NR			R	R	R
Nitric Acid, Fuming	NR	NR	NR	NR			R	R	R
Nitrobenzene	NR	NR	NR	NR			R	R	R
Nitrous Acid, 10%	R	R	R	R			R	R	R
Nitrous Oxide	R	R	R	R			R	R	R
Ocenol	R	R	R	R			R	R	R
Oils and Fats	R	R	R	R			R	R	R

R = Satisfactory

POLYVINYL CHLORIDE (PVC)

<sup>1</sup>Not recommended for chlorine compounds that form nascent (radical or atomic) chlorine.

<sup>2</sup>For drainage application only.

<sup>3</sup>Could contain surfactants which cause stress cracking, recommend testing prior to use.

<sup>4</sup>Not recommended for system under stress.

F = Some Attack

ACRYLONITRILE-BUTADIENE-STYRENE (ABS)

<sup>1</sup>Not recommended for chlorine compounds that form nascent (radical or atomic) chlorine.

<sup>2</sup>For drainage application only.

<sup>3</sup>Could contain surfactants which cause stress cracking, recommend testing prior to use.

<sup>4</sup>Not recommended for system under stress.

NR = Unsatisfactory

POLYPROPYLENE (PP)

PLASTIC PIPING MATERIALS

CHEMICAL RESISTANCE

canplas®

Chemical	PVC	ABS	PP
72°F	140°F	120°F	180°F
Potassium Hydroxide, 50% <sup>3</sup>	R		R
Potassium Hypochlorite <sup>3</sup>	R		NR
Potassium Iodide	R		
Potassium Nitrate	R		R
Potassium Perborate	R		R
Potassium Perchlorate	R		R
Potassium Permanganate, 10%	R		R
Potassium Permanganate, 20%	NR		F
Potassium Persulfate	R		R
Potassium Sulfate	R		R
Propane	R		
Propargyl Alcohol	NR		R
Propyl Alcohol	NR	NR	R
Propylene Dichloride	NR		NR
Pyridine	NR		F
Rayon Coagulating Bath	R		
Sea Water	R		R
Selenic Acid, Aqueous	R		R
Silicone Oil	R		R
Silver Cyanide	R		R
Silver Nitrate	R		R
Soaps <sup>1</sup>	R		R
Soap Solutions <sup>3</sup>	R		R
Soap Solution, 5% <sup>3</sup>	R		R
Sodium Acetate	R		R
Sodium Benzoate	R		R
Sodium Bicarbonate	R		R
Sodium Bisulfate	R		R
Sodium Bisulfite	R		R
Sodium Borate	R		R
Sodium Bromide	R		R
Sodium Carbonate	R		R
Sodium Chlorate	R		R
Sodium Chloride	R		R
Sodium Chlorite	NR		R
Sodium Cyanide	R		R
Sodium Dichromate	R		R
Sodium Ferricyanide	R		R
Sodium Ferrocyanide	R		R
Sodium Fluoride	R		R
Sodium Hydroxide, 15% <sup>3</sup>	R		R
Sodium Hydroxide, 30% <sup>3</sup>	R		R
Sodium Hydroxide, 50% <sup>3</sup>	R		R
Sodium Hydroxide, 70% <sup>3</sup>	R		R
Sodium Hydroxide Solution <sup>3</sup>	R		R
Sodium Hypochlorite, Conc. <sup>3</sup>	R		NR
Sodium Hypochlorite	R		NR
Sodium Metaphosphate	R		R
Sodium Nitrate	R		R
Sodium Nitrite	R		R
Sodium Palmirate Solution, 5%	R		R
Sodium Perborate	R		R
Sodium Phosphate, Alkaline	R		R

Chemical	PVC	ABS	PP
72°F	140°F	120°F	180°F
Sodium Phosphate, Acid	R		R
Sodium Phosphate, Neutral	R		R
Sodium Silicate	R		R
Sodium Sulfate	R		R
Sodium Sulfide	R		R
Sodium Sulfite	R		R
Sodium Thiosulfate	R		R
Sour Crude Oil	R		R
Stannic Chloride	R		R
Stannous Chloride	R		R
Stearic Acid	R		R
Stoddard's Solvent	NR		
Succinic Acid	R		R
Sulfated Detergents <sup>3</sup>	R		R
Sulfate Liquors	R		R
Sulfur Slurries	R		R
Sulfur Chloride Solution	R		R
Sulfur Dioxide, Dry	R		R
Sulfur Dioxide, Wet	NR		R
Sulfuric Acid, 10%	R		R
Sulfuric Acid, 30%	R		R
Sulfuric Acid, 50%	R		R
Sulfuric Acid, 60%	R		R
Sulfuric Acid, 70%	R		R
Sulfuric Acid, 80%	NR		F
Sulfuric Acid, 90%	NR		NR
Sulfuric Acid, 95%	NR		NR
Sulfuric Acid, 98%	NR		NR
Sulfuric Acid, 100%	NR		NR
Sulfuric Acid, 103%	NR		NR
Sulfurous Acid	R		R
Sulfur Trioxide	R		NR
Tail Oil	R		R
Tannic Acid	R		R
Tanning Liquors	R		R
Tartaric Acid	R		R
Tetraethyl Lead	R		R
Tetrahydrofuran	NR		NR
Tetralin	NR		NR
Thionyl Chloride	NR		NR
Thread Cutting Oils	R		R
Titanium Tetrachloride	NR		NR
Toluene, Toluol	NR		NR
Toluene -Kerosen e, 25 - 75%	R		R
Tomato Juice	NR		NR
Toxaphene -Xylene, 90 - 100%	NR		NR
Transformer Oil	R		R
Transformer Oil DTE/30	R		R
Tributyl Phosphate	NR		NR
Trichloroacetic Acid	R		R
Trichloroacetic Acid 2N	R		R
Trichloroethylene	R		R
Triethanolamine	R		R
Triethylamine	R		R

R = Satisfactory

POLYVINYL CHLORIDE (PVC)

F = Some Attack

ACRYLONITRILE-BUTADIENE-STYRENE

(ABS)

POLYPROPYLENE (PP)

NR = Unsatisfactory

<sup>1</sup>Not recommended for chlorine compounds that form nascent (radical or atomic) chlorine.

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# NUMERICAL INDEX

Part #	Page #	Part #	Page #	Part #	Page #	Part #	Page #
<b>ABS DWV</b>		102221	15	102506	14	102892	8
<b>Product Line 10</b>		102223	11	102523	14	102893	8
102101	22	102235	15	102551	14	102894	8
102102	22	102236	15	102552	14	102896	8
102103	22	102244	15	102553	14	103000	14
102105	22	102245	15	102554	14	103001	14
102106	22	102248	15	102556	14	103001R	14
102107A	11	102249	15	102561	14	103002	14
102114AS	11	102251L	15	102562	14	103002R	14
102114S	11	102252L	15	102563	14	103003	14
102115AS	11	102253-1	15	102564	14	103003R	14
102115S	11	102253L	15	102601	15	103004	14
102116AS	11	102254L	15	102602L	15	103004R	14
102116S	11	102256	15	102603L	15	103006	14
102117AS	11	102261	16	102604	15	103022	14
102117S	11	102262	16	102651L	15	103023	14
102118A	11	102263	16	102652L	15	103024	14
102126L	20	102265	16	102653L	15	103025	14
102127L	20	102276	15	102654	15	103026	14
102130L	20	102277	15	102732	23	103029	14
102131	20	102278	15	102747	8	103035	8
102134	21	102279	15	102749	8	103036	8
102136	21	102301L	23	102750	8	103037	14
102137	20	102302L	23	102751	8	103046ABC	17
102144	21	102303L	23	102752	8	103050S	19
102146L	21	102304L	23	102753	8	103051S	19
102146LR	22	102306	23	102754	8	103052S	19
102146R	22	102321L	23	102755	8	103053S	19
102147L	21	102324	23	102756	8	103054S	19
102147LR	22	102325L	23	102758	8	103055	19
102147R	22	102326L	23	102762	8	103056	19
102148L	21	102327L	23	102764	8	103057S	19
102148LR	22	102328L	23	102766	8	103062	19
102148R	22	102329	23	102767	8	103063	19
102151L	20	102331L	23	102800A	22	103064	19
102152-2	21	102343	23	102801	22	103066	19
102152L	20	102344	23	102801A	22	103081	19
102153	20	102351	24	102801A2	22	103082	19
102154L	20	102352	24	102802	22	103083S	19
102156	21	102353	24	102802A	22	103084S	19
102157L	21	102354	24	102804A	22	103086	19
102164L	20	102374	24	102805A	22	103091	19
102164LR	20	102376	24	102806A	22	103103	11
102180-2	20	102377	24	102841	8	103103A	11
102181	20	102380	24	102842	8	103201AS	17
102181-1	20	102381	24	102846	8	103201-1S	17
102181-2	20	102388	24	102851A	22	103201-2	17
102182	21	102401	15	102852A	22	103201B	17
102182-1	21	102402	15	102853A	22	103201S	17
102184	20	102403	15	102854A	22	103202	17
102185	20	102404	15	102855A	22	103202-1	17
102186	20	102406	15	102859A	22	103202A	17
102187	20	102423	15	102860	8	103202B	17
102188	20	102451	16	102860A	22	103203	17
102188-2	20	102451L	15	102861A	8	103203-1	17
102189	20	102452	16	102862A	8	103204	17
102190	20	102452L	15	102864A	8	103204-1	17
102191	20	102453	16	102865A	8	103206-1	17
102201	16	102453L	15	102866A	8	103210E	17
102202	16	102454	16	102870	8	103211-7	23
102203	16	102454L	15	102871	8	103211-9	23
102203-1	16	102456	15	102872	8	103211F	17
102204	16	102501	14	102873	8	103211N	17
102211	17	102502	14	102874	8	103211Y	22
102212	17	102503	14	102876	8	103212E	17
		102504	14	102891	8	103212A	17

NUMERICAL INDEX

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# NUMERICAL INDEX

Part #	Page #
103214	23
103215	23
103216	23
103217	23
103220A	17
103221A	17
103221B	17
103231-6	17
103231A	17
103231E	17
103243A	14
103304	11
103420	11
103421	11
103422	11
103423	11
103424	11
103426	11
103428	11
103433	8
103434	8
103452	11
103453	11
103454	11
103456	11
103464	11
103468	11
103502	17
103503	17
103504	17
103506	17
103508	17
103510	17
103512	17
103603	13
103604	13
103611	12
103611M	12
103611SS	12
103612	12
103612M	12
103612SS	12
103613	12
103613M	12
103613SS	12
103614	12
103614M	12
103614SS	12
103616	12
103616M	12
103616SS	12
103617	12
103617M	12
103617SS	12
103627	12
103627T	12
103630	12
103631	13
103631T	13
103631SDR	13
103631X	13
103632	13
103633	13
103633-1	13
103634-3	13
103634-4	13
103634-5	13

Part #	Page #
103634-7	13
103634S	13
103639M	12
103639SS	12
103644	12
103644T	12
103701AS	8
103701S	8
103702AS	8
103702S	8
103703AS	8
103703S	8
103704AS	8
103704S	8
103706AS	8
103706S	8
103723	11
103724	11
103750	21
103761	22
103762	22
103763	22
103764	22
103811A	16
103811B	16
103812A	16
103812B	16
103813A	16
103813B	16
103814A	16
103863	16
103864	16
103927-7	19
103931	20
103932	20
103933	20
104111	20
104128	20
104130	20
104149	14
104151	14
104152	14
104152-3	14
104153	14
104154	14
104155	14
104301	23
104302	23
104303	23
104304	23
104317	23
104318	23
104320	23
104326	23
104327	23
104337	23
104338	23
104746	11
104747	11
105126L	21
105127L	21
105128L	21
105130L	21
105131	21
105144	21
105151L	21
105152L	21

Part #	Page #
105153	21
105154L	21
105156	21
105181	20
105276	15
105277	15
105278	15
105279	15
105301L	23
105302L	23
105303L	23
105304L	23
105326L	23
105327L	23
105328L	23
105331	23
105355	14
105357	14
105376	24
109210-004	20
109210-005	20
109410-004	20
10TC315	19
10TC316	19
10TC318	19
10TC320	19
10TC322	19

## Specialty ABS DWV Product Line 11

112002	65
112003	65
112011	45
112107AT	65
112110-1	65
112171A	40
112191A	40
112281A	40
112286A	40
112291A	40
112320	65
112321	65
112332	65
112333	65
113061BL	58
113062BL	58
113063BL	58
113065BL	58
113067BL	58
113068BL	58
113069BL	58
113070BL	58
113603	46
113614EO	48
113616EO	48
113617EO	48
113624EO	48
113628EO	48
113611M	46
113614M	46
113628	13
113628M	13
113628SS	13

Part #	Page #
113631	46
113631AL	46
113631ALEO	12
113631X	46
113632	46
113633	46
113635	13
113635M	13
113635SS	13
113639M	46
113645	46
113650-1	45
113650A	45
113650B	45
113660	55
113661	55
113662	55
113663	55
113664	55
113665	55
119180-002	45

## Backwater Valves (ABS) Product Line 12

123271	40
123272	40
123273	42
123273-1	42
123274	42
123281	40
123281-2A	43
123281-3A	43
123281-4	43
123282	40
123283	40
123283-2A	43
123283-3A	43
123283-4	43
123283-5	43
123284	40
123284-2A	43
123284-3A	43
123284-4	43
123284-5	43
123285	40
123285-2	43
123285-2C	42
123285-3	43
123286	40
123286-2A	43
123286-3A	43
123286-4	43
123287	40
123287-2	43
123287-2C	42
123287-3	43
123302	42
123302-2	43
123303	42
123303-2	43
123304	42
123304-2	43



# NUMERICAL INDEX

## Part # Page # Specialty ABS DWV Product Line 13

132046BR	46
133608	45
134505PEX	58
134509CPVC	58
134513MIP	58
134519CPVC	58
134520WIR	58
134521WIR	58
134523MIP	58
134524PEX	58
135025WIR	58
135025PEX	58
135025CPVC	58
135025MIP	58
135026WIR	58
135026PEX	58
135026CPVC	58
135026MIP	58
133070GN	65
133070W	65
134069	40
134608	40
134614	40
135005	62
135020AP	62
135020P	62
135022AP	62
135022P	62
135024AP	62
135024P	62
135026AP	62
135026P	62
135030AP	62
135100P	62
135024CP	62
130710	51
130725	51
130750	51
1307100	51

## PVC DWV Product Line 19

192107A	26
192118A	26
192144	32
192156	32
192256	29
192306	32
192343	32
192344	32
192406	29
192423	29
192456	29
192506	29
192523	29
192556	29
192566	29
192766	26
192767	26
192861A	26
192864A	26

## Part # Page #

192865A	26
192866A	26
193006	29
193035	26
193037	26
193057S	32
193086	26
193206-1	30
193231A	30
193231E	30
193420	26
193426	26
193456	26
193617M	29
193624	29
193624T	29
193627	29
193627T	29
193631	29
193631T	29
193631X	29
193706AS	26
193750	32
193764	32
193811A	30
193811B	30
193812A	30
193812B	30
193813A	30
193813B	30
193814A	30
193863	30
193864	30
195144	32
195156	32
195376	32

## Specialty PVC DWV Product Line 21

212011	45
212107A	28
212107WAT	65
212110-1W	65
212171AW	40
212191AW	40
212281AW	40
212286AW	40
212291AW	40
212321W	65
212332W	65
212333W	65
213010	42
213011	42
213012	42
213015	42
213017	42
213018	42
213603W	46
213611MW	46
213614MW	46
213624WEO	48
213627W	46
213628WEO	48
213628MW	45

## Part # Page #

213628W	45
213628WSS	45
213631W	46
213631WAL	46
213631WALEO	46
213631TW	46
213631XW	46
213632W	46
213633W	46
213635MW	45
213635W	45
213635WSS	45
213639WSS	46
213645W	46
213650-1W	45
213650AW	45
213650WB	45
213660W	55
213661W	55
213662W	55
213663W	55
213664W	55
213665W	55
219180-002W	45

## Backwater Valves (PVC) Product Line 22

223271W	40
223272W	40
223273W	42
223274W	42
223275W	42
223281-2WA	43
223281-3WA	43
223281W	40
223282W	40
223283-3WA	43
223283W	40
223284-3WA	43
223284W	40
223285W	40
223285WSC	40
223286-3WA	43
223286-6W	43
223286W	40
223287W	40
223287WSC	40
223288W	40
223289W	40
223290W	40
223291W	40
223302-2W	43
223302W	42
223303-2W	42
223303W	42
223304-2W	42
223304W	42

## Part # Page #

## Drains (PVC) Product Line 32

321842	55
321842W	55
321843	55
321843W	55
321844	55
321844W	55
321942-2W	53
321957WSS	53
321962WSS	53
321972WSS	51
321982PB	53
321982WSS	53
322041W	53
322041WPB	53
322041WSS	53
322042W	53
322042WPB	53
322042WSS	53
322143TW	55
322143W	55
322143WC	55
322144TW	55
322144W	55
322144WC	55
322145W	51
322146W	51
322147WSS	51
322148W	51
322149W	51
322155W	45
322156W	45
322158W	45
322159W	45
322241W	52
322241WPB	52
322241WSS	52
322242W	52
322242WPB	52
322242WSS	52
322341WPB	52
322341WSS	52
322342WPB	52
322342WSS	52
322542W	53
322542WPB	53
322542WSS	53
322814W	59
322816W	59
322816PVDW	59
322818W	59
322900WAB	61
322900WBCP	61
322900WBG	61
322900WCP	61
322900WPB	61
322900WW	61
322914W	59
322916PVDW	59
322916W	59
322918W	59
322925WAB	61
322925WBN	61
322925WPB	61
322927WCP	61

# NUMERICAL INDEX

## Part # Page #

322927WPB	61
323152	65
323153	65
323502WCRNB	55
323502WCRPB	55
323502WNB	55
323502WPBM	55
323550WNB	55
323550WPBM	55
323554WCNB	55
323554WCPB	55

### Drains (ABS) Product Line 33

331942-2PB	53
331942-2SS	53
331943-2PB	53
331943-2SS	53
331952SS	53
331957SS	53
331962SS	53
331972SS	51
331982PB	53
331982SS	53
332041	53
332041PB	53
332041SS	53
332042	53
332042PB	53
332042SS	53
332143	55
332143C	55
332143T	55
332144	55
332144C	55
332144T	55
332145	51
332146	51
332148	51
332147SS	51
332149	51
332155	45
332156	45
332158	45
332159	45
332241	52
332241PB	52
332241SS	52
332242	52
332242PB	52
332242SS	52
332341PB	52
332341SS	52
332342PB	52
332342SS	52
332542	53
332542PB	53
332542SS	53
332804-9	62
332804TEST	62
332814	59
332816	59
332816PVD	59
332818	59
332900AB	61

## Part # Page #

332900BCP	61
332900BG	61
332900CP	61
332900PB	61
332900W	61
332901CPBR	62
332901LCPBR	62
332901LWBR	62
332901WBR	62
332914	59
332916	59
332916PVD	59
332918	59
332925AB	61
332925LCP	61
332925BN	61
332925PB	61
332926BNBR	62
332926CPBR	62
332926LCPBR	62
332926LPBBR	62
332926LWBR	62
332926PBBR	62
332927CP	61
332927PB	61
332928ABBR	62
332928CPBR	62
332928PBBR	62
332930COBR	52
333053BR	58
333054BR	58
333056BR	58
333063BR	58
333064BR	58
333067BR	58
333152	65
333153	65
333502CRNB	55
333502CRPB	55
333502NB	55
333502PBM	55
333550NB	55
333550PBM	55
333554CNB	55
333554CPB	55
334000	51
334002	51
334003	51
334004	51
334006	52
334007	52
334009	52
334010	52
334011	52
334014	52
334015	52
334016	52
334017	52
334018	52
334019	52
334020	52
334022	52
334023	52
334024	52

## Part # Page #

### Engineered Drains Product Line 37

373552	84
373552-2	84
373552-3	84
373552WCI	84
373553	84
373553WCI	84
373554	84
373554WCI	84
373555	84
373555-2	84
373556	84
373556-2	84
373556-3	84
373557	84
373558	84
37355NH	84
374702	80
374708	80
374709	80
374709A	80
374709B	80
374709C	80
374712	80
374712-4	80
374712A	80
374712B	80
374712C	80
374713	80
374715	80
374718	80
374719	80
374722	80
374723	80
374750	80
374750-2	80
374750-3	80
374751	80
3747NNH	80

### Endura Interceptors & Accessories Product Line 39

3910A02	70
3911A02	70
3915A02	70
3915A02S	74
3920A-5	71
3920AR	71
3920A02	70
3920A02S	74
3920A02-4	71
3920A-2ARPL	71
3920A-9RPL	71
3920AX6	70
392011	71
392035FBK	71
3922115	71
3922120	71
3922115AS	71
3922120AS	71
3925A02LO	70
3925A03	70

## Part # Page #

3925A03S	74
393243A	70
393243AR	71
393243AW	70
393243AWR	71
393262	71
393263	71
393264	71
393272	71
393273	71
393274	71
3933125	71
3933135	71
3933150	71
3934135	71
3934150	71
3933125AS	71
3933135AS	71
3933150AS	71
3934135AS	71
3934150AS	71
3935A-5	71
3935A-2ARPL	71
3935A-6RPL	71
3935A03	70
3935A03S	74
3935A04	70
3935A04S	74
3935AX6	70
394600	70
3950A03	70
3950A03S	74
3950A04	70
3950A04S	74

### PVC Sewer Product Line 41

411242BC	34
412841BC	34
412842BC	34
412846BC	34
414103BC	37
414104BC	37
414105BC	37
414106BC	37
414107BC	37
414108BC	37
414109BC	37
414110BC	37
414111BC	37
414114BC	38
414120BC	38
414123BC	37
414124BC	37
414125BC	37
414126BC	37
414127BC	37
414128BC	37
414129BC	37
414130BC	38
414131BC	38
414132BC	38
414133BC	38
414134BC	38

# NUMERICAL INDEX

Part #	Page #	Part #	Page #	Part #	Page #	Part #	Page #
414135BC	38	414232BC	34	414848BC	37	481500-1G	88
414136BC	38	414233BC	34	414868BC	37	481500-1B	88
414137BC	38	414234BC	34	414906BC	37	481500-1BG	88
414138BC	38	414236BC	34	414908BC	37	481500-1BB	88
414139BC	38	414238BC	34	<b>Surface Drainage</b>		<b>Roof Flashings</b>	
414140BC	38	414240BC	37	<b>Product Line 47</b>		<b>Product Line 55</b>	
414141BC	38	414243BC	37	471030B	89	5503	50
414144BC	38	414244BC	37	471030G	89	551201BL	50
414145BC	38	414246BC	35	471030GN	89	551201BR	50
414146BC	38	414248BC	35	471050B	89	551201G	50
414150BC	35	414249BC	34	471050G	89	551201GN	50
414152BC	36	414250BC	34	471050GN	89	551201W	50
414153BC	36	414252BC	35	471430B	89	551201WW	50
414154BC	36	414253BC	37	471430G	89	551202BL	50
414155BC	35	414254BC	37	471430GN	89	551202BR	50
414156BC	36	414256BC	37	475630	89	551202G	50
414157BC	36	414258BC	37	475632	89	551202GN	50
414158BC	36	414260BC	37	478343	87	551202W	50
414159BC	36	414263BC	35	478344	87	551202WW	50
414162BC	36	414264BC	35	478372	87	551203BL	50
414163BC	36	414266BC	35	478373	87	551203BR	50
414164BC	36	414268BC	35	478542	87	551203G	50
414166BC	36	414270BC	37	478543	87	551203GN	50
414168BC	36	414273BC	34	478573	87	551203W	50
414173BC	36	414274BC	34	478773	88	551203WW	50
414174BC	36	414276BC	34	478941	87	551204BL	50
414176BC	36	414286BC	37	478942	87	551204BR	50
414178BC	36	414288BC	37	478943	87	551204G	50
414182BC	36	414293BC	36	478944	87	551204GN	50
414183BC	36	414294BC	36	478973	87	551204W	50
414184BC	36	414296BC	36	479140	87	551204WW	50
414186BC	36	414298BC	36	479141	87	552201	50
414188BC	36	414302BC	34	479142	87	552202	50
414193BC	36	414303BC	34	479172	88	552203	50
414194BC	36	414314BC	35	479944	88	552204	50
414196BC	36	414316BC	35	<b>Surface Drainage</b>		552201GALV	50
414198BC	36	414323BC	34	<b>Product Line 48</b>		552202GALV	50
414201BC	35	414325BC	34	480060	89	552203GALV	50
414202BC	35	414327BC	34	480060G	89	5511930	50
414203BC	36	414333BC	34	480060GSEW	89	5511931	50
414204BC	36	414334BC	34	480060GW	89	<b>Ball Valves</b>	
414205BC	34	414336BC	34	480060-1B	89	<b>Product Line 73</b>	
414206BC	36	414338BC	34	480060-1G	89	731015-020	71
414208BC	36	414343BC	34	480100G	89	731015-030	71
414209BC	35	414344BC	34	480100GSEW	89	731015-040	71
414210BC	35	414431BC	36	480100GW	89	731181-020	71
414211BC	35	414432BC	36	480100-1B	89	731181-030	71
414212BC	35	414433BC	36	480100-1G	89	731181-040	71
414213BC	35	414434BC	36	480100-1GSEW	89		
414214BC	35	414444BC	34	480600E	88		
414215BC	35	414450BC	35	480600G	88		
414216BC	35	414461BC	36	480610G	89		
414217BC	35	414462BC	36	481000B	88		
414218BC	35	414463BC	36	481000G	88		
414219BC	35	414464BC	36	481000-1G	88		
414220BC	34	414471BC	36	481200B	88		
414221BC	34	414473BC	36	481200G	88		
414222BC	34	414474BC	36	481200GSEW	88		
414223BC	34	414484BC	34	481200RB	88		
414224BC	34	414486BC	34	481200-1G	88		
414225BC	34	414494BC	36	481200-1GSEW	88		
414226BC	34	414746BC	37	481500B	88		
414227BC	35	414748BC	37	481500G	88		
414228BC	35	414768BC	37				
414229BC	34	414825BC	38				
414230BC	34	414826BC	38				
414231BC	34	414846BC	37				

## **WARRANTY**

Seller's products are carefully inspected for manufacturing defects, however, it is not always possible to detect hidden defects. Said products are warranted only to the extent that Seller will replace without charge, products proven to have manufacturing defects within 6 months (unless otherwise stated in writing by Canplas Inc.) of the date of delivery thereof and provided Seller has been given an opportunity to inspect the product alleged to be defective and the installation or use thereof. NO WARRANTY IS INCLUDED AGAINST ANY EXPENSE FOR REMOVAL, REINSTALLATION OR OTHER CONSEQUENTIAL DAMAGES ARISING FROM ANY DEFECT. THE WARRANTIES SET OUT ABOVE ARE THE ONLY WARRANTIES MADE BY THE SELLER AND ARE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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The Seller recommends against the use of thermoplastic piping systems for transport or storage of compressed air or other compressed gases, in exposed, above ground locations or the testing of such systems with compressed air or other compressed gases. Use of our plastic piping products in exposed compressed gas systems voids our warranty for the products so used.

For further information, contact your Canplas representative.

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