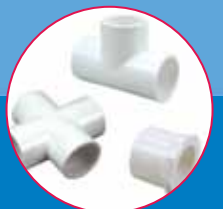
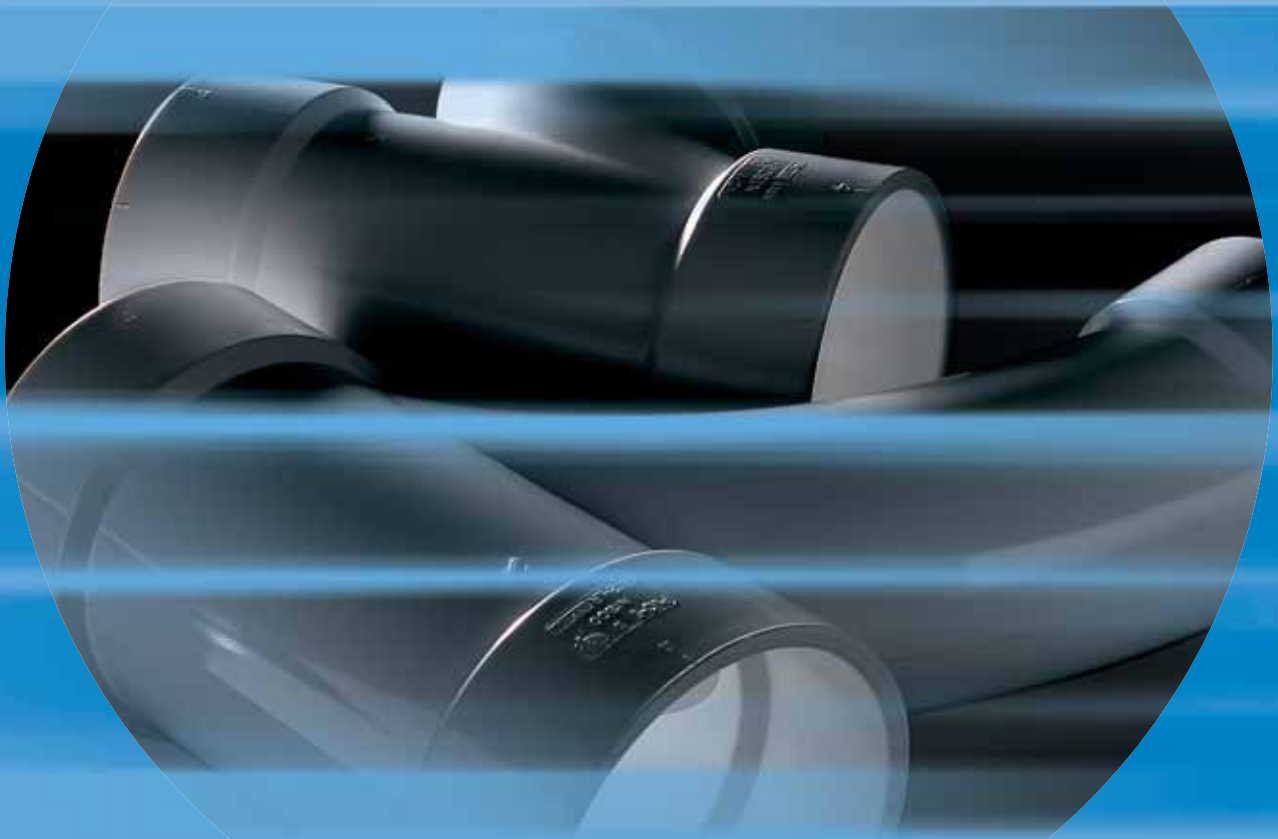


NIBCO®

AHEAD OF THE FLOW®



Plastic Fittings

Business-to-Business Solutions

Look to NIBCO for technology leadership.

The velocity with which e-business evolves demands that new products and services be continuously developed and introduced to keep our customers at the center of our business efforts. NIBCO provides an entire suite of business-to-business solutions that is changing the way we interact with customers.



NIBCOpartner.comSM is an exclusive set of secure web applications that allow quick access to customer-specific information and online order processing. This self-service approach gives you 24/7 access to your order status putting you in total control of your business.

Real time information includes:

- Online order entry
- Viewable invoices & reports
- Inventory availability
- Current price checks
- Order status
- Online library of price sheets, catalogs & submittals



Electronic Data Interchange (EDI) makes it possible to trade business documents at the speed of light. This technology cuts the cost of each transaction by eliminating the manual labor and paperwork involved in traditional order taking. This amounts to cost-savings, increased accuracy and better use of resources.

With EDI, you can trade:

- Purchase orders
- PO Acknowledgements
- Invoices
- Product activity data
- Advanced ship notices
- Remittance advice



Vendor Managed Inventory (VMI), a sophisticated service for automated inventory management, reduces your overhead by transferring inventory management, order entry and forecasting to NIBCO. This is an on-going, interactive partnership with NIBCO.

Through automation, VMI brings results:

- Improves customer service
- Optimum inventory efficiencies
- Better forecasting
- Cuts transaction costs
- Peace of mind
- Relief from day-to-day management





Visit our website for the most current information.

Table Of Contents

Numerical Index.....	4
Material Selection.....	6
Key to NIBCO Figure Numbers.....	9
Methods of Designating Inlets of Fittings.....	10
ABS & PVC-DWV.....	11
CPVC-CTS.....	33
Schedule 40 PVC.....	42
Plastic Irrigation Products.....	57
Schedule 80 PVC.....	58
Engineering Data.....	69
ABS Figure Number Comparison.....	93
PVC Figure Number Comparison.....	97
Warranty.....	101

Numerical Index

ABS & PVC-DWV

ABS-DWV FIG. NO.	PVC-DWV FIG. NO.	PAGE
5800	4800	12
5800-SD	4800-SD	12
5801	4801	17
5801-2-7	4801-2-7	12
5801-2-7-B		12
5801-2-7-C	4801-2-7-C	12
5801-2-F	4801-2-F	15
5801-7	4801-7	12
5801-7-B	4801-7-B	13
5801-7-C	4801-7-C	13
5801-RP	4801-RP	17
5803	4803	13
5803-2	4803-2	13
5803-2-F	4803-2-F	13
5803-2-SW		14
5803-2-SW-EL		14
5803-TPA		14
5803-2-TPA		14
5804	4804	14
5804-2	4804-2	15
5805	4805	15
5805-N	4805-N	15
5806	4806	17
5806-2	4806-2	18
5807	4807	18
5807-2	4807-2	19
5807-2-CL	4807-2-CL	19
5807-2-LT	4807-2-LT	19
5807-2-V	4807-2-V	19
5807-3	4807-3	20
5807-9	4807-9	20
5807-CL	4807-CL	18
5807-LT	4807-LT	18
5807-V	4807-V	19
5808	4808	20
5808-2	4808-2	20
5810	4810	31
5810-14		32
5810-2	4810-2	32
5811	4811	25
5811-14-V	4811-14-V	27
5811-2	4811-2	26
5811-C	4811-C	26
5811-V	4811-V	26
5812-LR	4812-LR	30
5814	4814	27
5816	4816	16
5817	4817	16

ABS-DWV FIG. NO.	PVC-DWV FIG. NO.	PAGE
5817-P		16
5818	4818	24
5826		24
5827		16
5829		24
5829-2		24
5834	4834	32
5835	4835	27
5835-9	4835-9	37
5835-9-9	4835-9-9	28
5835-B	4835-B	27
5836	4836	31
5837	4837	20
5848-A	4848-A	22
5851	4851	22
5851-2	4851-2	22
5851-2-A	4851-2-A	22
5851-3	4851-3	23
5851-4	4851-4	23
5851-A	4851-A	22
5853	4853	23
5853-KO	4853-KO	23
5853-NS	4853-NS	23
5855	4855	23
5860	4860	21
5860-2	4860-2	21
5861	4861	21
5861-LH	4861-LH	21
5861-2-LH	4861-2-LH	21
5870	4870	28
5871	4871	28
5872	4872	28
5878	4878	25
5879	4879	25
5881	4881	28
5884	4884	28
5885	4885	29
	4885-WB	29
5891	4891	29
5892	4892	29
5892-B		29
5892-C	4892-C	29
5893	4893	30
5895	4895	30
5895-3	4895-3	30

CPVC-CTS

CPVC-CTS FIG. NO.	PAGE
4701	35
4701-T	35
4703	34
4703-CT	39
4703-SW	37
4704	34
4704-CT	39
4706	36
4706-2	36
4707	36
4707-2	36
4707-3-5	36
4707-3-5-6	40
4707-3-5-B	39
4707-3-SW	37
4707-5	37
4711	38
4717	35
4718	34
4718-T	35
4724	37
4732-2	39
4733	40
4733-3	40
4733-4	40
4733-7	40
4750	41
4776	41

Numerical Index

PVC SCH-40

UNIV. PART NO.	FIG. NO.	PAGE
401	4611	43
402	4612	44
405	4612-3-3	45
406	4607	46
407	4607-3	46
408	4607-3-3	47
409	4607-2	47
410	4607-4	47
411	4607-2-3	47
412	4067-3-4	47
413	4607-9	48
414	4607-9-3	48
417	4606	48
420	4635	48
429	4601	49
430	4601-3-3	49
433		49
434		49
435	4603	50
436	4604	50
437	4618	51
438	4618-3	52
439	4618-3-4	53
447	4617	54
448	4617-3	54
449	4616	54
450	4616-4	55
457	4633	55
477	4601-T-D	55
478	4603-2	55
482		56
488		56
489		56
	4660-S	56
	4660-T	56

PVC SCH-80

UNIV. PART NO.	FIG. NO.	PAGE
801	4511	59
802	4512	59
805	4512-3-3	59
806	4507	60
807	4507-3	60
808	4507-3-3	60
817	4506	60
819	4506-3-3	61
829	4501	61
830	4501-3-3	61
835	4503	62
836	4504	62
	4550	62
837	4518	63
838	4518-3	63
839	4518-3-4	64
847	4517	64
848	4517-3	64
850	4516-4	65
851	4551-W	65
851	4551-H	65
852	4551-W-3	65
852	4551-H-3	66
853	4519-W	66
853	4519-H	66
854	4551-A	66
897	4533	67
898	4533-3-3	68
899	4533E-3	68

Material Selection

Thermoplastic and Elastomers

ABS

(Acrylonitrile-butadiene-styrene) Class 3-2-2-2, conforming to ASTM D 3965, is a time proven material. The smooth inner surface and superior resistance to deposit formation makes ABS drain, waste and vent material ideal for residential and commercial sanitary systems. The residential DWV system can be exposed in service to a wide temperature span. ABS-DWV has proven satisfactory for use from -40°F to 180°F. These temperature variations can occur due to ambient temperature fluctuations or the discharge of hot liquids into the system. ABS-DWV is very resistant to a wide variety of materials ranging from sewage to commercial household chemical formulations. ABS-DWV is joined by solvent cementing or threading and can easily be connected to steel, copper, or cast iron through the use of transition fittings.

PVC

(Polyvinyl Chloride) conforming to ASTM D 1784 Class 12454, formerly designated Type 1, Grade 1. PVC is the most frequently specified of all thermoplastic materials. It has been used successfully for over 30 years in such areas as chemical processing, industrial plating, chilled water distribution, deionized water lines, chemical drainage, and irrigation systems. PVC is characterized by high physical properties and resistance to corrosion and chemical attack by acids, alkalies, salt solutions and many other chemicals. It is attacked, however, by polar solvents such as ketones, some chlorinated hydrocarbons, and aromatics. The maximum service temperature of PVC is 140°F. With a design stress of 2,000 psi, PVC has the highest long-term hydrostatic strength at 73°F of any of the major thermoplastics being used for piping systems. PVC is joined by solvent cementing, threading, or flanging.

CPVC

(Chlorinated Polyvinyl Chloride) Class 23447, formerly designated Type IV, Grade 1 conforming to ASTM D 1784, has physical properties at 73°F similar to those of PVC and its chemical resistance is similar to or generally better than that of PVC. CPVC, with a design stress of 2000 psi and maximum service temperature of 210°F, has, over a period of about 30 years, proven to be an excellent material for hot corrosive liquids, hot and cold-water distribution, and similar applications above the temperature range of PVC. CPVC is joined by solvent cementing, threading, or flanging.

PTFE

PTFE (Polytetrafluoroethylene) has outstanding resistance to chemical attack by most chemicals and solvents. PTFE has a temperature rating of -200°F to 500°F. PTFE, a self-lubricating compound, is used as a seat material in NIBCO/Chemtrol® ball valves.

FPM

FPM (Fluoroelastomers or Fluorocarbons) are inherently compatible with a broad spectrum of chemicals. Because of this extensive chemical compatibility, which spans considerable concentration and temperature ranges, fluorocarbons have gained wide acceptance as a material of construction for butterfly valve "O"-rings and seats. Fluorocarbons can be used in most applications involving mineral acids (with the exception of HCl), salt solutions, chlorinated hydrocarbons, and petroleum oils.

EPDM

EPDM is a terpolymer elastomer made from ethylene, propylene and diene monomer. EPDM has good abrasion and tear resistance and offers excellent chemical resistance to a variety of acids and alkalines. It is susceptible to attack by hydrocarbons and is not recommended for applications involving petroleum oils, strong acids, or strong alkalines.

Fluorel® is a registered trademark of 3M Company

Material Selection

Plastic Piping Standards

THERMOPLASTIC PIPING MATERIALS

ASTM Test Methods	Properties	Material		
		ABS 3-2-2-2-2	PVC 12454	CPVC 23447
General D 792	Specific Gravity	1.00 - 1.08	1.38	1.55
D 570	Water Absorption % 24 Hrs. @ 73°F	0.3	0.05	0.05
Mechanical D 638	Tensile Strength psi @ 73°F	4,500	7,000	7,000
D 638	Modulus of Elasticity in Tension psi @ 73°F x 10 ⁵	2.4	4.0	3.6
D 790	Flexural Strength psi	10,000	14,500	15,600
D 256	Izod Impact Strength @ 73°F (Notched)	4.0	0.65	1.5
Thermal D 696	Coefficient of Thermal Expansion in/in/°F x 10 ⁻⁵	5.0	3.0	3.8
C 177	Thermal Conductivity BTU/HR/Sq. Ft./°F/in	1.35	1.2	0.95
D 648	Heat Distortion Temp. °F @ 66 psi	219	165	238
D 648	Heat Distortion Temp. °F @ 264 psi	180	158	212
	Resistance to Heat °F at Continuous Drainage	180	140	210
Flammability D 2863	Limiting Oxygen Index (%)	19	43	60
E 84	Flame Spread	150-250	15-20	15
	Underwriter's Lab Rating (Sub. 94)	94HB	94V-0	94V-0

Plastic Piping Standards

Many commercial, industrial, and governmental standards or specifications are available to assist the design engineer in specifying plastic piping systems. Standards most frequently specified in plastic piping systems are American Society for Testing and Materials (ASTM) Standards. Below is a list and description of those standards most typically applied to industrial plastic piping.

ASTM Standard D 1784

This standard covers PVC and CPVC compounds used in the manufacture of plastic pipe, valves, and fittings. It provides a means for selecting and identifying compounds on the basis of a number of physical and chemical criteria. Conformance to a particular material classification in this standard requires meeting a number of minimum physical and chemical properties.

ASTM Standards D 2665 and D 3311

These standards provide the material and test requirements as well as the fitting geometries for PVC-DWV (drain, waste and vent) fittings. These fittings are joined by threading or solvent cementing.

ASTM Standard D 2466

This standard covers Schedule 40 PVC threaded and socket pressure fittings. Included in the standard are thread and socket specifications, lay length, wall thickness, burst, material, quality, and identification requirements.

ASTM Standard D 2467

This standard covers Schedule 80 PVC threaded and socket fittings. Included in the standard are thread and socket specifications, lay length, wall thickness, burst, material, quality, and identification requirements.

ASTM Standard D 2846

This standard covers plastic hot and cold-water distribution system components made in one standard dimension ratio. This includes a series of CTS (copper tube size) CPVC fittings meant for use with SDR 11 tube and plastic-to-metal transition fittings.

ASTM Standard D 3965

This standard covers ABS compounds used in the manufacture of pipe and fittings. It identifies the chemical and physical properties of several ABS compositions based upon impact strength, deflection temperature under load, and tensile stress at yield point. These properties identify the polymers or blends of polymers that make up this rigid thermoplastic material.

ASTM Standards D 2661 and D 3311

These standards cover ABS-DWV (drain, waste and vent) by material and by physical configuration. These products are threaded or joined by solvent cement.

ASTM Standard F 1498

Material Selection

Plastic Piping Standards and Chemical Resistance

This standard covers dimensions, tolerances, and gaging of tapered pipe threads used on plastic ends of pipe and fittings.

ASTM Standard F 1970

This standard covers fittings and appurtenances intended to be used in PVC or CPVC plastic piping, or as a transition from such systems to metal systems. These products, such as unions, flanges, or valves, are not included in the scope of other ASTM specifications.

ASME B1.20.1 (American Society of Mechanical Engineers)

This specification details the dimensions, tolerances, and gaging of tapered pipe threads used on metallic ends of pipe and fittings, plus machined plastic threaded ends.

ANSI/NSF Standard 14 (NSF International, formerly National Sanitation Foundation)

This standard establishes the minimum physical and performance requirements for plastic piping system components and related materials. It also provides a basis for certification of products to consensus standards, or other physical and performance requirements where no consensus standard exists. It requires adherence to appropriate ASTM Standards and specifies minimum quality control programs. To comply with this standard the manufacturer must allow periodic testing of product and auditing of procedures by a third-party agency.

ANSI/NSF Standard 61

At the request of the U.S. Environmental Protection Agency (EPA), a consortium led by NSF International developed this standard. It was developed to establish minimum requirements for the control of potential adverse human health effects from products which contact drinking water. This Standard complements the performance requirements that are contained within ASTM product standards. NIBCO PVC & CPVC fitting products intended for potable water applications are tested and certified by a third-party agency for compliance to ANSI/NSF Standard 61.

CSA (Canadian Standards Association)

CSA tests piping products against Canadian standards. These standards require that products meet certain criteria such as dimensions, strength, and compatibility with potable water. Most products sold in Canada require the CSA listing.

IAPMO (International Association of Plumbing and

Mechanical Officials)

IAPMO is responsible for the Uniform Plumbing Code (UPC). Products listed by IAPMO are tested by third-party organizations and/or meet PS (Product Standards) or IS (Installation Standards) which are written by IAPMO. Listed products will contain the UPC or IAPMO-T (1½" sizes for mobile home and recreational vehicle (MHRV) use) mark.

Chemical Resistance

Thermoplastics exhibit a 'GO' or 'NO-GO' type of resistance when contacted by aggressive chemicals. That is, they either resist attack completely or they deteriorate rapidly, in which case, the mechanism of attack is either solvation or reaction with the base molecule. Solvation, which is the most common form of attack, involves penetration of a chemical into the plastic causing softening, swelling, and loss of physical properties. Reaction with the base molecule involves the breakage of the molecular chain, crosslinking, or substitution reactions.

The NIBCO *Chemical Resistance Guide* contains specific chemical resistance information for the various plastic and elastomeric materials used in the NIBCO product line. When interpreting the information presented in this brochure it is important to note that it is based only on unstressed immersion testing at the temperatures noted, using pure chemicals or saturated solutions, except where otherwise specified. It is unwise to specify a plastic material without chemical resistance information relative to the specific environment of the intended application. Therefore, in situations where the aggressive environment involves a mixture of chemicals, the Chemical Resistance Guide can be used to investigate the effects of individual chemicals; however, because of possible synergisms, the suitability of a particular plastic for handling a chemical mixture should be verified. Also, since chemicals are more aggressive at higher temperatures and concentrations, chemical resistance information should not be extrapolated to higher temperatures and concentrations. Conversely, chemicals are generally less aggressive at lower temperatures and concentrations; therefore, extrapolation of chemical resistance information to lower temperatures and concentrations is generally acceptable.

When chemical resistance information is not available or a first-of-a-kind process is involved, data may be obtained through immersion testing. ASTM D 543 provides a method for conducting such tests, and the chemical, as well as, the temperature used in this test should be identical to the anticipated process condition.

Key to NIBCO Figure Numbers

DWV Fittings 1 2 3 4 - 5

1 2 TYPE OF MATERIALS

48 = PVC
58 = ABS

3 4 TYPE OF FITTING & DESCRIPTION

01 = Coupling
03 = Female Adapter
04 = Male Adapter
05 = Soil Pipe Adapter
06 = 45° Ell
07 = 90° Ell
08 = 22½° Ell
10 = Wye
11 = Tee
12 = Long Turn TY
14 = Test Tee
16 = Cleanout
17 = Cap
18 = Plug
19 = Blind Flange
26 = Plug (Spg)
27 = Cap (FIPT)
28 = Cross
29 = Nipple
30 = True Y
34 = Double Y
35 = Double Tee
36 = Double Long Turn TY

37 = Double Ell
48 = Offset Closet Flange
51 = Closet Flange
53 = Closet Flange-Flush
55 = Closet Flange w/Knockout Test Plug
60 = 60° Ell
61 = 90° Ell w/Heel Inlet
63-73 = Various Stack Fittings
76 = Return Bend w/CO Hub x SJ
77 = Return Bend Hub x SJ
78 = Return Bend w/CO Hub x Hub
79 = Return Bend Hub x Hub
80 = P-Trap w/CO Hub x SJ
81 = P-Trap Hub x SJ
84 = P-Trap w/CO Hub x SJ
85 = P-Trap Hub x Hub
91 = Drum Trap
92 = P-Trap w/Union Hub x SJ
95 = P-Trap w/Union Hub x Hub

5 TYPE OF CONNECTIONS

Numerical Suffix
2 = Fitting Connection
3 = Female Connection
4 = Male Connection
7 = Slip Joint Connection
9 = Side Inlet
13 = Female Connection Indicating Hub x FIPT x Hub
14 = Female Connection Indicating Hub x Hub x FIPT
16 = Female Connection Indicating Hub x CO x Hub
17 = Female Connection Indicating FIPT x Hub x Hub
18 = Female Connection Indicating FIPT x Hub x Hub
19 = Baffle Tee Hub x Hub x Hub

Letter Suffix
A = Adjustable Closet Flange
B = Double Fixture Tee
BAF = Baffle
CL = Water Closet Ell
CLAY = Clay
CO = Cleanout
DC = Dust Cap
DP = Dust Plug
EH = Extra Heavy
EL = Extra Long
F = Flush
FX = Fixture Tee
KO = Knockout
L = Lead & Left
LH = Low Heel
LR = Long Radius

LT = Long Turn
N = No Hub
NS = No Stop
P = Fits Pipe I.D.
R = Right
RP = Repair
S = Stack Upturn
SD = Sewer Drain ASTM-D2852
SE = Special
TE = Tray El Adapter
TPA = Tray Plug Adapter
TY = TY-Seal
V = Vent
XL = Extra Long

Schedule 40 - PVC Plastic Fittings

UNIV. PART NO.	DESCRIPTION	END CONNECTIONS	SIZE KEY STRAIGHT SIZES		SIZE KEY REDUCING SIZES		SIZE KEY REDUCING SIZES	
401	Tee	Slip x Slip x Slip	1/4	002	1/2 x 1/2 x 1/4	072	2 x 1½ x 3/4	238
402	Tee	Slip x Slip x FIPT	3/8	003	1/2 x 1/2 x 3/4	074	2 x 1½ x 1	239
405	Tee	FIPT x FIPT x FIPT	1/2	005	3/4 x 1/2 x 1/2	094	2 x 1/2 x 1½	241
406	90° Ell	Slip x Slip	3/4	007	3/4 x 1/2 x 3/4	095	2 x 2 x 1/2	247
407	90° Ell	Slip x FIPT	1	010	3/4 x 3/4 x 1/2	101	2 x 2 x 3/4	248
408	90° Ell	FIPT x FIPT	1¼	012	3/4 x 3/4 x 1	102	2 x 2 x 1	249
409	90° Street Ell	Spg x Slip	1½	015	1 x 1/2 x 1	122	2 x 2 x 1¼	250
410	90° Ell	MIPT x Slip	2	020	1 x 3/4 x 1/2	124	2 x 2 x 1½	251
411	90° Street Ell	Spg x FIPT	2½	025	1 x 3/4 x 3/4	125	2½ x 2½ x 1/2	287
412	90° Street Ell	MIPT x FIPT	3	030	1 x 3/4 x 1	126	2½ x 2½ x 3/4	288
414	90° Side Outlet Ell	Slip x Slip x FIPT	4	040	1 x 1 x 1/2	130	2½ x 2½ x 1	289
417	45° Ell	Slip x Slip	5	050	1 x 1 x 3/4	131	2½ x 2½ x 1¼	290
420	Cross	All Slip	6		1 x 1 x 1¼	132	2½ x 2½ x 1½	291
429	Coupling	Slip x Slip	060		1 x 1 x 1½	133	2½ x 2½ x 2	292
430	Coupling	FIPT x FIPT	8	080	1¼ x 1 x 1/2	156	3 x 3 x 1/2	333
434	Riser Extender	MIPT x FIPT	10	100	1¼ x 1 x 3/4	157	3 x 3 x 3/4	334
435	Female Adapter	Slip x FIPT	12	120	1¼ x 1 x 1	158	3 x 3 x 1	335
436	Male Adapter	MIPT x Slip			1¼ x 1¼ x 1/2	166	3 x 3 x 1¼	336
437	Bushing	Slip x Slip			1¼ x 1¼ x 3/4	167	3 x 3 x 1½	337
438	Bushing	Spg x Slip			1¼ x 1¼ x 1	168	3 x 3 x 2	338
439	Thread Bushing	MIPT x FIPT			1½ x 1¼ x 1/2	199	3 x 3 x 4	342
447	Cap	Slip			1½ x 1¼ x 3/4	201	4 x 4 x 3/4	416
448	Thread Cap	FIPT			1½ x 1¼ x 1	202	4 x 4 x 1	417
449	Plug	Spg			1½ x 1½ x 1/2	209	4 x 4 x 1¼	418
450	Thread Plug	MIPT			1½ x 1½ x 3/4	210	4 x 4 x 1½	419
475	Wye	All Slip			1½ x 1½ x 1	211	4 x 4 x 2	420
488	Running Trap	Spg x Spg			1½ x 1½ x 1¼	212	4 x 4 x 3	422
489	P-Trap	Spg x Spg			1½ x 1½ x 2	213		

Fitting Terms and Abbreviations

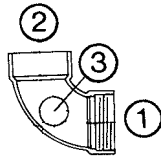
FIPT = Female NPT Thread
Spg = Male End (Spigot)
MIPT = Male NPT Thread
NPSM = Straight Thread for Mechanical Joint
SJ = Slip Joint
Hub = Plastic Socket

Schedule 40 Only
FIPT = Female NPT Thread
MIPT = Male NPT Thread
Slip = Female Socket
Spg = Male End (Spigot)
Ball Valve
S = Socket
T = Threaded

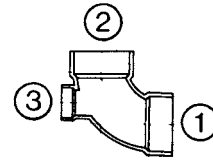
Schedule 80 Only
FIPT = Female NPT Thread
CL = Close
MIPT = Male NPT Thread
Slip = Female Socket
SH = Short
Spg = Male End (Spigot)

CPVC-CTS Only
C = Copper Solder Joint (Transition)
Compression = Transition Fitting
FIPT = Female NPT Thread
MIPT = Male NPT Thread
Slip = Female Socket
Spg = Male End (Spigot)
IPS = Iron Pipe Size
CTS = Copper Tube Size

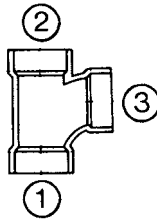
Methods of Designating Inlets of Fittings



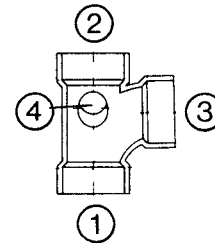
DWV 90° Ell w/Side Inlet



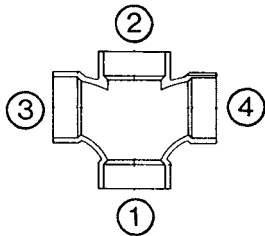
DWV 90° Ell w/High Heel Inlet



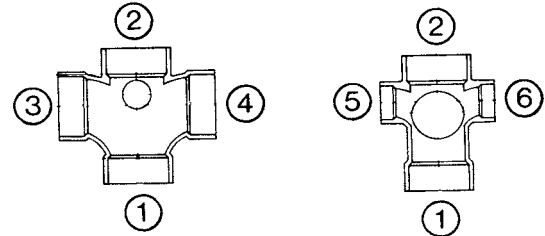
DWV Sanitary Tee



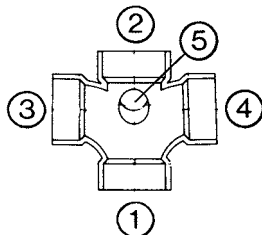
DWV Tee w/90° Right/Left Inlet



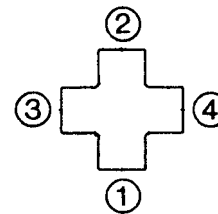
DWV Double Sanitary Tee



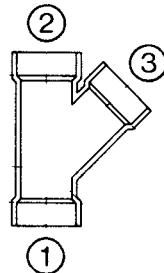
DWV Double Tee w/Two 90° Side Inlets



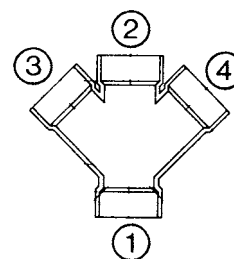
DWV Double Tee w/One 90° Side Inlet



Cross



DWV 45° Y



DWV 45° Double Y

General Note:

The largest opening establishes the basic size of a reducing fitting. The largest opening is named first, except for double branch elbows where both branches are reducing; the outlet is the largest opening and named last in both cases. In designating the openings of reducing fittings, they should be read in the order indicated by the sequence of the numbers 1, 2, 3, 4, 5 and 6. In designating the outlets of side outlet reducing fittings, the side outlet is named last.

ABS & PVC-DWV Fittings

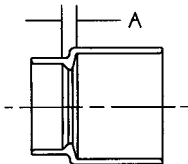
Adapters	12
Bushings	15
Caps	16
Cleanouts	16
Couplings	17
Elbows	17
Flanges	22
Nipples	24
Plugs	24
Return Bends	25
Tees	25
Traps	28
TY's (Combinations)	30
Wyes	31

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

ADAPTERS

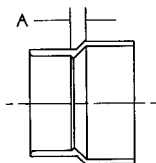
5800 4800



Soil Pipe Adapter (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
2	.200	.301	3/8
3	.500	.708	7/16
4	.834	1.158	1/2

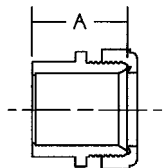
5800-SD 4800-SD



Sewer & Drain Adapter (Hub x Sewer & Drain)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
3 x 4	.362	.502	9/16

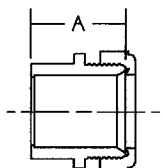
5801-2-7 4801-2-7



Trap Adapter (Spq x SJ)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1/4	.085	.102	1 ²¹ / ₃₂
1/2	.094	.120	1 ²¹ / ₃₂
1/2 x 1/4	.084	.105	1 ²¹ / ₃₂
2	.126	.174	1 ¹³ / ₁₆

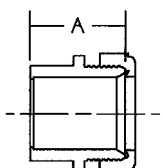
5801-2-7-B



Trap Adapter (Spq x SJ w/Brass Nut)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
* 1/2	.166	1 ²¹ / ₃₂

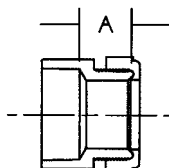
5801-2-7-C 4801-2-7-C



Trap Adapter (Spq x SJ w/Chrome Nut)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1/2	.123	.149	1 ²¹ / ₃₂
† 1/2 x 1/4	.107	.128	1 ²¹ / ₃₂
* 2 F	.202	N/A	1 ¹³ / ₁₆

5801-7 4801-7



Trap Adapter (Hub x SJ)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1/4	.082	.104	29/32
1/2	.091	.112	15/16
1/2 x 1/4	.087	.115	1 ¹ / ₁₆
2	.125	.178	31/32

* Available in ABS only

† Available in PVC only

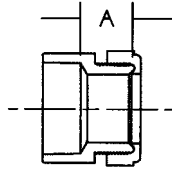
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

ADAPTERS (Continued)

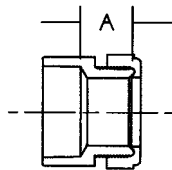
5801-7-B 4801-7-B



Trap Adapter (Hub x SJ w/Brass Nut)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
* 1 ¹ / ₄	.148	N/A	29/32
* 1 ¹ / ₂	.163	N/A	15/16
1 ¹ / ₂ x 1 ¹ / ₄	.153	.181	1 ¹ / ₁₆

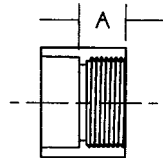
5801-7-C 4801-7-C



Trap Adapter (Hub x SJ w/Chrome Nut)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₂	.120	.141	15/16
1 ¹ / ₂ x 1 ¹ / ₄	.110	.138	1 ¹ / ₁₆

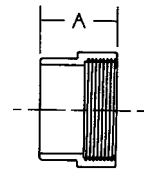
5803 4803



Adapter (Hub x FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₄	.066	.091	27/32
1 ¹ / ₂	.078	.101	1
2	.096	.135	1
3	.345	.475	1 ¹ / ₂
4	.552	.756	1 ⁵ / ₈
6	1.282	1.815	2 ¹ / ₃₂

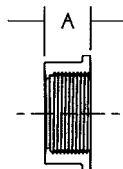
5803-2 4803-2



Adapter (Spg x FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₄	.051	.066	1 ¹³ / ₃₂
1 ¹ / ₂	.070	.098	1 ²¹ / ₃₂
2	.094	.132	1 ²⁵ / ₃₂
3	.325	.453	2 ²⁹ / ₃₂
4	.548	.727	3 ⁵ / ₁₆
6	1.203	1.689	4 ²⁵ / ₃₂

5803-2-F 4803-2-F



Flush Adapter (Spg x FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₂ x 1 ¹ / ₄	.041	.055	15/16
2 x 1 ¹ / ₂	.090	.118	1 ¹ / ₁₆
3 x 2	.298	.407	1 ³ / ₄
† 3 x 1 ¹ / ₂	.492	.407	1 ³ / ₄
* 4 x 3	.492	.674	2

* Available in ABS only

† Available in PVC only

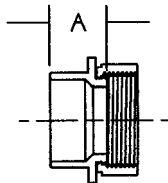
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

ADAPTERS (Continued)

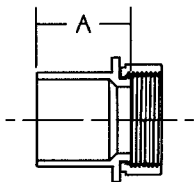
5803-2-SW



Swivel Adapter (Spg x FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
* 1 ¹ / ₂	.085	1 ¹ / ₈

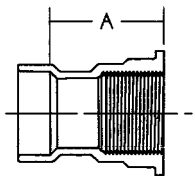
5803-2-SW-EL



Swivel Adapter (Spg x FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
* 1 ¹ / ₂	.109	1 ⁷ / ₈

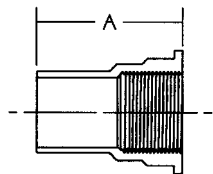
5803-TPA



Tray Plug Adapter (Hub x NPSM Thread)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
* 1 ¹ / ₂	.168	2 ⁵ / ₈

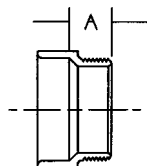
5803-2-TPA



Tray Plug Adapter (Spg x NPSM Thread)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
* 1 ¹ / ₂	.157	3 ³ / ₈

5804 4804



Adapter (Hub x MIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₄	.055	.077	29/32
1 ¹ / ₂	.060	.081	15/16
1 ¹ / ₂ x 1 ¹ / ₄	.060	.088	1 ¹ / ₁₆
2	.083	.117	31/32
3	.293	.400	1 ¹⁹ / ₃₂
4	.484	.695	2 ¹ / ₈

* Available in ABS only

† Available in PVC only

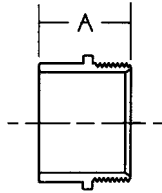
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

ADAPTERS (Continued)

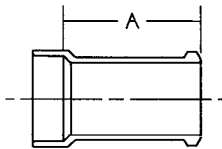
5804-2 4804-2



Adapter (Spg x MIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₄	.058	.075	1 ²¹ / ₃₂
1 ¹ / ₂	.063	.089	1 ²¹ / ₃₂
1 ¹ / ₂ x 1 ¹ / ₄	.058	.078	1 ²¹ / ₃₂
2	.084	.113	1 ¹³ / ₁₆
3	.282	.385	3 ¹ / ₂
4	.454	.609	3 ⁷ / ₈

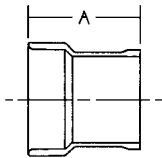
5805 4805



Soil Pipe Adapter (Hub x Spg)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₂ x 2	.189	.265	3 ¹ / ₂
* 1 ¹³ / ₁₆ x 3	.391	N/A	3 ¹³ / ₁₆
2	.234	.335	3 ¹³ / ₁₆
† 2 x 3	.386	.536	3 ¹³ / ₁₆
3	.533	.744	4 ⁹ / ₁₆
3 x 4	.722	1.026	4 ¹ / ₁₆
4	.853	1.190	4 ⁷ / ₁₆

5805-N 4805-N

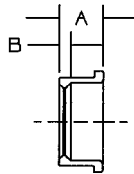


Soil Pipe Adapter (Hub x No Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₂ x 2	.083	.111	3/4
2	.119	.163	1 ³ / ₄
3	.294	.399	1 ¹⁵ / ₁₆
3 x 4	.351	.492	1 ²⁹ / ₃₂
4	.466	.665	1 ¹⁵ / ₁₆

BUSHINGS

5801-2-F 4801-2-F



Flush Bushing (Spg x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1 ¹ / ₂ x 1 ¹ / ₄	.031	.043	15/16	1/4
2 x 1 ¹ / ₂	.079	.094	1 ¹ / ₁₆	3/8
3 x 2	.283	.373	1 ³ / ₄	7/8
3 x 1 ¹ / ₂	.290	.368	1 ³ / ₄	1
4 x 3	.411	.526	2	1/2
4 x 2	.506	.683	2	1 ¹ / ₄
6 x 4	1.167	2.191	3 ¹¹ / ₁₆	1 ²⁹ / ₃₂
† 6 x 3	N/A	1.477	3 ⁹ / ₃₂	7/32
† 8 x 6	N/A	3.996	4 ²¹ / ₃₂	1 ⁵ / ₈
† 8 x 4	N/A	4.100	4 ²¹ / ₃₂	2 ⁷ / ₈

* Available in ABS only

† Available in PVC only

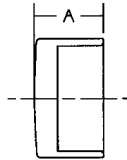
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

CAPS

5817‡

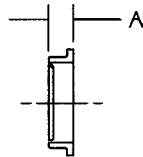


Cap (Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
* 1 1/4	.074	N/A	7/8
1 1/2	.089	.115	7/8
2	.118	.169	3 1/32
3	.317	.469	1 23/32
4	.568	.789	2
6	1.150	3.755	3 1/16
† 8	N/A	4.056	6 3/16

‡ Cap available in Schedule 40 PVC only as Universal Fig. No. 447-XXX. See page 54.

5817-P



Test Cap (Polystyrene)

NOM. SIZE	APPROX. NET WT./LBS.	DIM. A INCHES
1 1/2	.009	1/4
2	.013	1/4
3	.026	5/16
4	.045	3/8

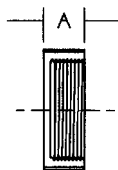
4817-T



Outside Diameter Test Cap (Hub)

NOM. SIZE	APPROX. NET WT./LBS.	DIM. A INCHES
† 1 1/2	.036	5/8
† 2	.044	5/8
† 3	.075	5/8
† 4	.112	5/8
† 6	.205	5/8

5827

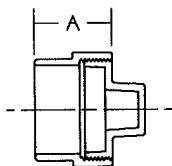


CAP (FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
1 1/2	.062	29/32
2	.082	15/16
3	.245	1 7/16

CLEANOUTS

5816 4816



Cleanout Adapter (Spq x Cleanout w/Plug)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 1/2	.117	.160	1 21/32
2	.154	.215	1 25/32
3	.486	.679	2 29/32
4	.822	1.094	3 5/16
6	1.825	2.564	4 25/32

* Available in ABS only

† Available in PVC only

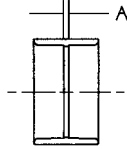
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

COUPLINGS

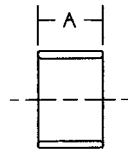
5801 4801



Coupling (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 1/4	.052	.075	1/8
1 1/2	.065	.090	1/8
1 1/2 x 1 1/4	.072	.100	13/32
2	.084	.119	1/8
2 x 1 1/2	.102	.132	23/32
3	.344	.466	3/16
3 x 2	.285	.397	7/8
3 x 1 1/2	.297	.418	13/32
4	.574	.780	1/4
4 x 3	.569	.784	15/16
4 x 2	.493	.690	13/8
6	1.541	1.541	1/4
† 8	N/A	5.100	1/4
† 10	N/A	8.533	1/2
† 12	N/A	14.490	1/2

5801-RP 4801-RP

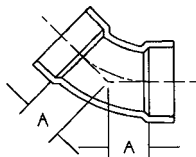


Repair Coupling (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 1/2	.062	.083	1 1/2
2	.086	.115	1 3/4
3	.303	.417	3
4	.510	.711	3 1/2
† 6	N/A	2.050	5 3/4

ELBOWS

5806 4806



45° Ell (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 1/4	.109	.151	1
1 1/2	.131	.188	1 1/8
2	.205	.281	1 1/2
3	.616	.842	1 3/4
4	1.058	1.515	2 3/16
6	2.875	4.151	3 3/8
† 8	N/A	6.134	2 1/16
† 8 x 6 F	N/A	10.234	2 1/16
† 8 x 4 F	N/A	10.130	2 1/16
† 10	N/A	19.64	2 5/8
† 12	N/A	32.12	3 1/8

* Available in ABS only

† Available in PVC only

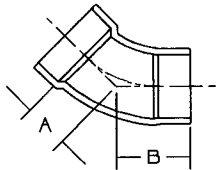
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

ELBOWS (Continued)

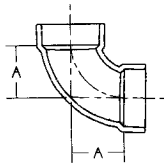
5806-2 4806-2



45° Street Ell (Spig x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1 ¹ / ₄	.100	.136	1	1 ³ / ₄
1 ¹ / ₂	.134	.174	1 ¹ / ₈	1 ⁷ / ₈
2	.201	.277	1 ⁷ / ₁₆	2 ¹ / ₄
3	.601	.818	1 ³ / ₄	3 ¹ / ₄
4	1.048	1.464	2 ³ / ₁₆	3 ¹⁵ / ₁₆
6	2.772	3.950	3 ³ / ₈	6 ³ / ₈
† 8	N/A	5.738	2 ¹ / ₁₆	6 ¹ / ₁₆
† 8 x 6 F	N/A	6.500	2 ¹ / ₁₆	5
† 8 x 4 F	N/A	6.200	2 ¹ / ₁₆	3 ³ / ₄

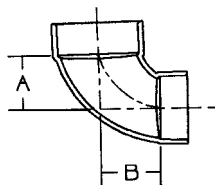
5807 4807



90° Ell (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₄	.122	.184	1 ⁹ / ₁₆
1 ¹ / ₂	.149	.204	1 ³ / ₄
2	.248	.331	2 ⁵ / ₁₆
3	.724	1.008	3
4	1.278	1.840	3 ⁷ / ₈
6	3.453	4.666	5 ⁵ / ₈
† 8	N/A	8.553	5 ³¹ / ₃₂

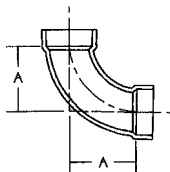
5807-CL 4807-CL



90° Closet Ell (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
4 x 3	1.044	1.448	3	3 ³ / ₈

5807-LT 4807-LT



90° Long Turn Ell (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
* 1 ¹ / ₄	.164	N/A	2 ¹ / ₄
1 ¹ / ₂	.206	.279	2 ¹¹ / ₁₆
2	.291	.409	3 ⁷ / ₃₂
3	.855	1.268	4 ¹ / ₁₆
4	1.542	2.114	4 ¹⁵ / ₁₆

† Available in PVC only

F Fabricated

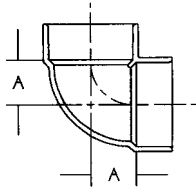
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

ELBOWS (Continued)

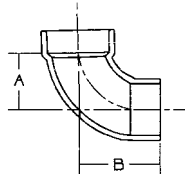
5807-V 4807-V



90° Vent Ell (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
* 1 ¹ / ₄	.106	N/A	1
1 ¹ / ₂	.145	.190	1 ³ / ₁₆
2	.194	.255	1 ¹ / ₂
3	.584	.839	1 ⁷ / ₈
4	1.048	1.547	2 ¹ / ₂
10	N/A	19.410	5 ¹³ / ₁₆
12	N/A	25.940	6 ⁷ / ₈

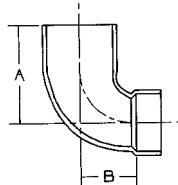
5807-2 4807-2



90° Street Ell (Spq x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1 ¹ / ₄	.120	.164	1 ²¹ / ₃₂	2 ⁵ / ₁₆
1 ¹ / ₂	.154	.200	1 ³ / ₄	2 ¹ / ₂
2	.240	.313	2 ⁵ / ₁₆	3 ³ / ₁₆
3	.731	.993	3 ¹ / ₁₆	4 ⁹ / ₁₆
4	1.224	1.731	3 ⁷ / ₈	5 ⁵ / ₈
6	3.319	4.530	5 ⁵ / ₈	8 ⁵ / ₈

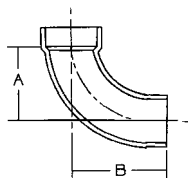
5807-2-CL 4807-2-CL



90° Street Closet Ell (Spq x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
4 x 3	1.137	1.541	6	3 ³ / ₈
4 x 3 w/Cap F	1.182	1.586	6	3 ³ / ₈

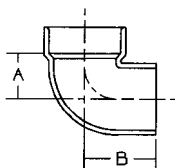
5807-2-LT 4807-2-LT



90° Long Turn Street Ell (Spq x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1 ¹ / ₂	.214	.286	2 ³ / ₄	3 ¹ / ₂
2	.293	.407	2 ⁷ / ₃₂	4 ³ / ₃₂
3	.854	1.138	4 ¹ / ₁₆	5 ⁹ / ₁₆
4	1.477	2.021	4 ¹⁵ / ₁₆	6 ¹¹ / ₁₆

5807-2-V 4807-2-V



90° Street Vent Ell (Spq x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1 ¹ / ₂	.120	.173	1 ³ / ₁₆	1 ¹⁵ / ₁₆
2	.183	.251	1 ¹ / ₂	2 ³ / ₈
3	.575	.930	1 ⁷ / ₈	3 ³ / ₈

* Available in ABS only

† Available in PVC only

F Fabricated

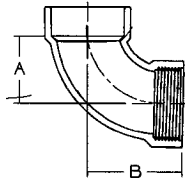
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

ELBOWS (Continued)

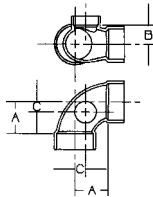
5807-3 4807-3



90° Ell (Hub x FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
3	.801	1.101	3 1/16	4 9/16

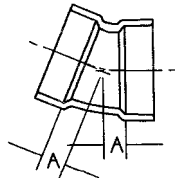
5807-9 4807-9



90° Ell w/Side Inlet (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
3 x 3 x 2	.780	1.127	3	1 21/32	1
3 x 3 x 1 1/2	.764	1.070	3	1 21/32	1

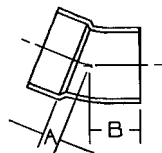
5808 4808



22 1/2° Ell (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 1/2	.099	.131	7/16
2	.156	.195	5/8
3	.448	.637	1 3/16
4	.825	1.132	1
6	2.172	3.060	1 1/2

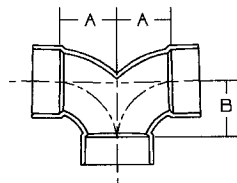
5808-2 4808-2



22 1/2° Street Ell (Spig x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1 1/2	.093	.131	7/16	1 3/16
2	.145	.203	5/8	1 1/2
3	.442	.622	1 3/16	2 5/16
4	.768	1.049	1	2 3/4

5837 4837



Double Ell (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1 1/2	.225	.311	1 11/16	1 11/16
2	.331	.480	2 5/16	2 5/16
2 x 1 1/2 x 1 1/2	.230	.366	2 1/8	1 7/8
3	1.096	1.448	3 1/16	3 1/16
4	1.876	2.698	3 7/8	3 7/8

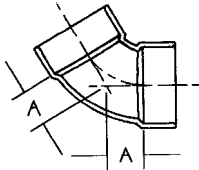
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

ELBOWS (Continued)

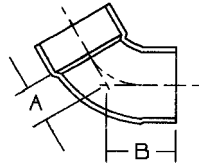
5860 4860



60° Ell (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 1/2	.128	.172	1
2	.190	.256	1 5/16
3	.564	.806	1 11/16
4	1.042	1.434	2 1/16

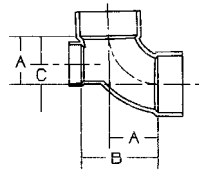
5860-2 4860-2



60° Street Ell (Spig x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1 1/2	.119	.165	1	1 3/4
2	.182	.250	1 1/4	2 1/8
3	.570	.855	1 11/16	3 3/16
4	1.012	1.266	2 1/16	3 13/16

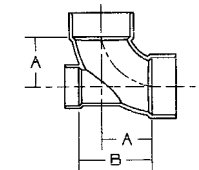
5861 4861



90° Ell w/High Heel Inlet (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
3 x 3 x 2	.780	1.119	3 1/16	4 3/4	1 1/4
3 x 3 x 1 1/2	.803	1.083	3 1/16	4 7/8	1 1/4

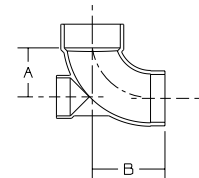
5861-LH 4861-LH



90° Ell w/Low Heel Inlet (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
3 x 3 x 2	.823	1.141	3 1/16	4 7/16
3 x 3 x 1 1/2	.755	1.045	3 1/16	4 3/16
4 x 4 x 2	1.430	1.750	3 1/8	5 7/16

5861-2-LH 4861-2-LH



90° Ell w/Low Heel Inlet (Spig x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
3 x 3 x 2	.83	1.089	3 1/16	4 7/16

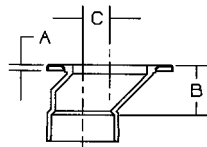
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

FLANGES

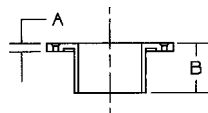
5848-A 4848-A



Offset Adjustable Closet Flange w/Plastic Coated Steel Flange (Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
4 x 3	.903	1.137	5/16	2 ³ / ₄	1 ¹ / ₂

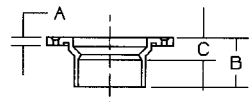
5851 4851



Closet Flange (Hub)

NOM. B SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A NET WT./LBS.	DIM. INCHES
4	.466	.672	7/16	2

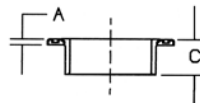
5851 4851



Reducing Closet Flange (Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
4 x 3	.570	.769	7/16	2 ³ / ₄	1 ¹ / ₄

5851-A 4851-A

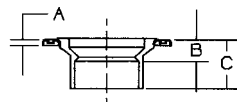


Adjustable Closet Flange

w/Plastic Coated Steel Flange (Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. C
4	.665	.777	5/16	2

5851-A 4851-A

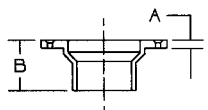


Reducing Adjustable Closet Flange

w/Plastic Coated Steel Flange (Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
4 x 3	.770	.898	5/16	1 ¹ / ₄	2 ³ / ₄

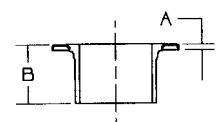
5851-2 4851-2



Closet Flange (Spig)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
4 x 3	.540	.719	7/16	2 ²⁵ / ₃₂

5851-2-A 4851-2-A



Adjustable Closet Flange

w/Plastic Coated Steel Flange (Spig)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
4	.850	1.047	5/16	3 ¹ / ₄
4 x 3	.748	.876	5/16	2 ³ / ₄

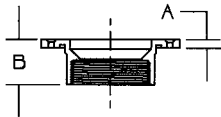
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

FLANGES (Continued)

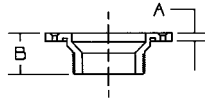
5851-3 4851-3



Closet Flange (FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
4 x 3	.583	.666	7/16	2 ⁵ / ₁₆

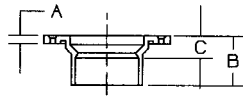
5851-4 4851-4



Closet Flange (MIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
4 x 3	.430	.668	7/16	2 ¹⁵ / ₃₂

5853 4853

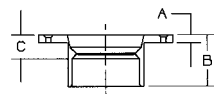


Flush Closet Flange

w/Pipe Stop (Fits Inside 4" DWV Pipe and Over 3" Pipe)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
3 or 4	.570	.762	7/16	2 ³ / ₄	1 ¹ / ₄

5853-KO 4853-KO

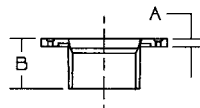


Flush Closet Flange

w/Pipe Stop & Knockout (Fits Inside 4" DWV Pipe and Over 3" Pipe)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
3 or 4	.602	.800	7/16	2 ³ / ₄	1 ¹ / ₄

5853-NS 4853-NS

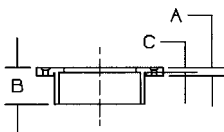


Flush Closet Flange

w/Out Pipe Stop (Fits Inside 4" DWV Pipe and Over 3" Pipe)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
3 or 4	.529	.742	7/16	2 ³ / ₄

5855 4855



Closet Flange w/Knockout Test Plug (Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
4	.585	.795	7/16	2	1/4
4 x 3	.581	.810	5/16	2 ³ / ₄	1 ¹ / ₄

† Available in PVC only

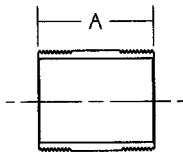
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

NIPPLES

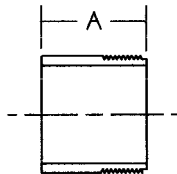
5829



Nipples 3" (MIPT x MIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
* 3	.272	3
* 4	.393	4
* 6	.595	6
* 8	.847	8
* 10	1.092	10
* 12	1.274	12

5829-2

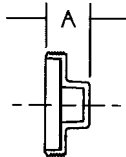


Nipples 3" (MIPT x Plain End)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
* 3	.315	3
* 4	.425	4
* 6	.670	6
* 8	.897	8
* 10	1.115	10

PLUGS

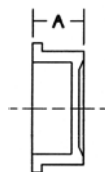
5818 4818



Plug (MIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES
1 ¹ / ₄	.029	.042	1
1 ¹ / ₂	.047	.062	1 ³ / ₈
2	.060	.083	1 ³ / ₈
* 2 ¹ / ₂	.090	N/A	2 ¹ / ₂
3	.161	.226	1 ³ / ₄
* 3 ¹ / ₂	.202	N/A	1 ³ / ₄
4	.274	.367	1 ⁷ / ₈
6	.622	.875	2

5826



Fitting Plug (Spg)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES
* 1 ¹ / ₂	.043	3/4
* 2	.090	7/8

* Available in ABS only

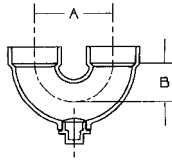
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

RETURN BENDS

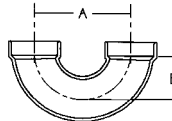
5878 4878



Return Bend (Hub x Hub x Cleanout w/Plug)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1/2	.259	.366	3/4	1 ³ / ₈
2	.454	.643	5	2 ¹ / ₄

5879 4879

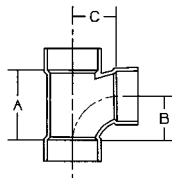


Return Bend (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES
1/2	.231	.333	3/4	1 ³ / ₈
2	.437	.620	5	2 ¹ / ₄
3	1.151	1.632	6 ⁵ / ₁₆	2 ¹¹ / ₁₆
4	2.255	3.083	8 ¹ / ₂	3 ¹¹ / ₁₆

TEES

5811 4811



Sanitary Tee (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
1/4	.168	.234	2 ³ / ₈	1 ¹⁹ / ₃₂	1 ⁹ / ₁₆
1/2	.204	.294	2 ⁵ / ₈	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆
* 1/2 x 1/2 x 1/4	.202	N/A	2 ¹ / ₂	1 ¹¹ / ₁₆	1 ¹³ / ₁₆
* 1/2 x 1/4 x 1/2	.235	N/A	2 ³ / ₄	1 ³ / ₄	1 ³ / ₄
* 1/2 x 1/4 x 1/4	.233	N/A	2 ⁵ / ₁₆	1 ⁹ / ₁₆	1 ⁹ / ₁₆
2	.328	.435	3 ¹¹ / ₁₆	2 ⁵ / ₁₆	2 ⁵ / ₁₆
2 x 2 x 1/2	.273	.379	3 ¹ / ₈	1 ¹⁵ / ₁₆	2 ³ / ₁₆
2 x 1/2 x 2	.313	.432	3 ¹¹ / ₁₆	2 ⁵ / ₁₆	2 ⁵ / ₁₆
2 x 1/2 x 1/2	.264	.375	3 ¹ / ₈	1 ¹⁵ / ₁₆	2 ³ / ₁₆
3	.998	1.399	4 ⁷ / ₈	3 ¹ / ₁₆	3 ¹ / ₁₆
3 x 3 x 2	.674	.946	3 ⁵ / ₁₆	2 ¹ / ₈	2 ⁷ / ₈
3 x 3 x 1/2	.586	.808	2 ¹¹ / ₁₆	1 ³ / ₄	2 ⁹ / ₁₆
4	1.755	2.495	6 ¹ / ₈	3 ⁷ / ₈	3 ⁷ / ₈
4 x 4 x 3	1.442	1.980	4 ³ / ₄	3	3 ⁹ / ₁₆
4 x 4 x 2	1.013	1.432	3 ³ / ₁₆	2 ¹ / ₁₆	3 ⁵ / ₁₆
4 x 4 x 1/2	1.092	1.526	3 ³ / ₁₆	2 ¹ / ₁₆	3 ⁵ / ₁₆
6	4.375	5.950	8 ³ / ₈	4 ¹⁵ / ₁₆	4 ¹⁵ / ₁₆
6 x 6 x 4	3.065	4.650	6 ¹ / ₃₂	3 ²⁷ / ₃₂	4 ³¹ / ₃₂
† 8	N/A	11.665	10 ⁷ / ₁₆	5 ³¹ / ₃₂	5 ³¹ / ₃₂

* Available in ABS only

† Available in PVC only

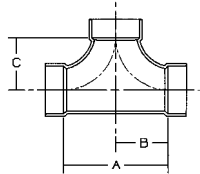
Do not use or test the products in this catalog with compressed air or other gases.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

TEES (Continued)

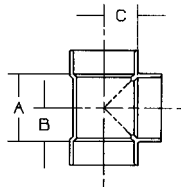
5811-C 4811-C



Two-Way Cleanout Tee (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
3	1.362	1.920	8 ¹ / ₈	4 ¹ / ₁₆	4 ¹ / ₁₆
4	2.433	3.323	9 ⁷ / ₈	4 ¹⁵ / ₁₆	4 ¹⁵ / ₁₆

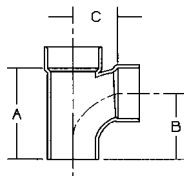
5811-V 4811-V



Vent Tee (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
1 ¹ / ₂	.171	.246	2 ³ / ₈	1 ³ / ₁₆	1 ³ / ₁₆
2	.245	.382	3	1 ¹ / ₂	1 ¹ / ₂
3	.756	1.106	3 ³ / ₄	1 ⁷ / ₈	1 ⁷ / ₈
* 3 x 3 x 1 ¹ / ₂	.545	N/A	2 ³ / ₈	1 ³ / ₁₆	1 ⁷ / ₈
* 3 x 3 x 2	.598	N/A	3	1 ¹ / ₂	1 ⁷ / ₈
4	1.397	2.000	5	2 ¹ / ₂	2 ¹ / ₂
10	N/A	23.62	11 ⁵ / ₈	5 ¹³ / ₁₆	5 ¹³ / ₁₆
12	N/A	36.92	13 ³ / ₄	6 ⁷ / ₈	6 ⁷ / ₈

5811-2 4811-2



Sanitary Street Tee (Spq x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
1 ¹ / ₂	.207	.275	3 ¹ / ₂	2 ¹ / ₂	1 ³ / ₄
2	.307	.436	4 ⁹ / ₁₆	3 ³ / ₁₆	2 ⁵ / ₁₆
2 x 2 x 1 ¹ / ₂	.267	.368	3 ⁷ / ₈	2 ³ / ₄	2 ¹ / ₈
2 x 1 ¹ / ₂ x 2	.309	.407	4 ⁹ / ₁₆	3 ³ / ₁₆	2 ⁵ / ₁₆
2 x 1 ¹ / ₂ x 1 ¹ / ₂	.247	.373	4	2 ¹³ / ₁₆	2 ³ / ₁₆
3	.994	1.365	6 ³ / ₈	4 ⁹ / ₁₆	3 ¹ / ₁₆
3 x 3 x 2	.658	.862	4 ¹³ / ₁₆	3 ⁵ / ₈	2 ⁷ / ₈
3 x 3 x 1 ¹ / ₂	.576	.813	4 ³ / ₁₆	3 ⁵ / ₈	2 ⁷ / ₈
4	1.750	2.462	7 ⁷ / ₈	5 ⁵ / ₈	3 ⁷ / ₈
† 4 x 4 x 2	N/A	1.724	4 ¹⁵ / ₁₆	3 ¹³ / ₁₆	3 ⁵ / ₁₆

* Available in ABS only

† Available in PVC only

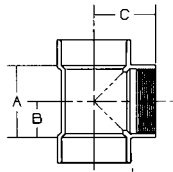
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

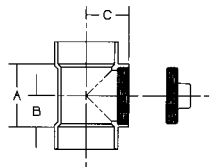
5800 Series - ABS/4800 Series PVC

TEES (Continued)

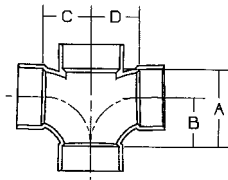
5811-14-V 4811-14-V



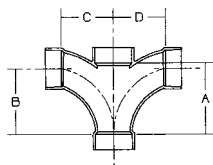
5814 4814



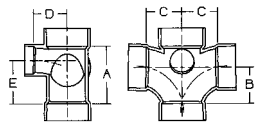
5835 4835



5835-B 4835-B



5835-9 4835-9



Test Tee (Hub x Hub x FIPT w/o plug)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
1 1/2	.178	.277	2 3/8	1 3/16	1 13/16
2	.252	.388	3	1 1/2	2 1/8
3	.718	1.024	3 3/4	1 7/8	2 5/8
4	1.355	1.966	5	2 1/2	3 3/8

Test Tee (Hub x Hub x Cleanout w/Plug)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
1 1/2	.225	.339	2 3/8	1 3/16	1 13/16
2	.312	.471	3	1 1/2	2 1/8
3	.879	1.250	3 3/4	1 7/8	2 5/8
4	1.629	2.333	5	2 1/2	3 3/8

Double Sanitary Tee (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 1/2	.262	.381	2 5/8	1 11/16	1 11/16	1 11/16
2	.394	.575	3 11/16	2 5/16	2 5/16	2 5/16
2 x 2 x 1 1/2 x 1 1/2	.356	.496	3	1 7/8	2 1/8	2 1/8
3	1.254	1.740	4 25/32	3 1/32	3 1/32	3 1/32
3 x 3 x 2 x 2	.784	1.025	3 5/16	2 1/8	2 7/8	2 7/8
3 x 3 x 2 x 1 1/2	.724	1.012	3 5/16	2 1/8	2 7/8	2 9/16
3 x 3 x 1 1/2 x 1 1/2	.644	.900	2 11/16	1 3/4	2 9/16	2 9/16
4	2.190	3.033	6 1/8	3 7/8	3 7/8	3 7/8
4 x 4 x 3 x 3	1.576	2.270	4 3/4	3	3 9/16	3 9/16
4 x 4 x 2 x 2	1.111	1.538	3 3/16	2 1/16	3 5/16	3 5/16

Double Fixture Tee (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
2	.593	.818	4 5/8	4 1/4	3 1/2	3 1/2
2 x 1 1/2 x 2 x 2	.585	.810	4 5/8	4 1/4	3 1/2	3 1/2
2 x 1 1/2 x 1 1/2 x 1 1/2	.409	.526	3 9/16	3 3/16	2 7/8	2 7/8
3	1.813	2.607	6 3/4	6 1/4	4 15/16	4 15/16
3 x 2 x 3 x 3	1.689	2.409	6 3/4	6 1/4	4 15/16	4 15/16

Double Sanitary Tee w/One-90° Side Inlet (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES	DIM. E INCHES
3 x 3 x 3 x 3 x 2	1.392	1.885	4 7/8	3 1/16	3 1/16	2 7/8	3 11/16
3 x 3 x 3 x 3 x 1 1/2	1.338	1.858	4 7/8	3 1/16	3 1/16	2 9/16	3 11/16
4 x 4 x 4 x 4 x 2	2.282	3.187	6 1/8	3 7/8	3 7/8	3 5/16	5

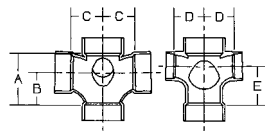
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

TEES (Continued)

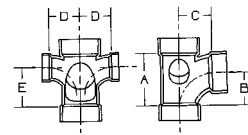
5835-9-9 4835-9-9



Double Sanitary Tee w/Two-90° Side Inlets (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES	DIM. E INCHES
3 x 3 x 3 x 3 x 2 x 2	1.549	2.063	4 ⁷ / ₈	3 ¹ / ₁₆	3 ¹ / ₁₆	2 ⁷ / ₈	3 ¹¹ / ₁₆
4 x 4 x 4 x 4 x 2 x 2	2.477	3.329	6 ¹ / ₈	3 ⁷ / ₈	3 ⁷ / ₈	3 ⁵ / ₁₆	5

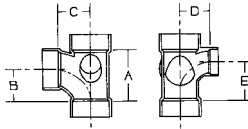
5870 4870



Sanitary Tee w/90° Right & Left Inlets (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES	DIM. E INCHES
3 x 3 x 3 x 2 x 2	1.354	1.775	4 ⁷ / ₈	3 ¹ / ₁₆	3 ¹ / ₁₆	2 ⁷ / ₈	3 ¹¹ / ₁₆
† 3 x 3 x 3 x 1 ¹ / ₂ x 1 ¹ / ₂	N/A	1.620	4 ⁷ / ₈	3 ¹ / ₁₆	3 ¹ / ₁₆	2 ⁹ / ₁₆	3 ¹¹ / ₁₆
† 4 x 4 x 4 x 2 x 2	2.079	2.735	6 ¹ / ₈	3 ⁷ / ₈	3 ⁷ / ₈	3 ⁵ / ₁₆	5

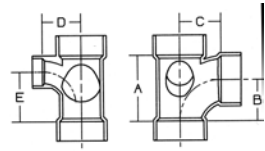
5871 4871



Sanitary Tee w/90° Left Inlet (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES	DIM. E INCHES
3 x 3 x 3 x 2	1.125	1.561	4 ⁷ / ₈	3 ¹ / ₁₆	3 ¹ / ₁₆	2 ⁷ / ₈	3 ¹¹ / ₁₆
3 x 3 x 3 x 1 ¹ / ₂	1.061	1.503	4 ⁷ / ₈	3 ¹ / ₁₆	3 ¹ / ₁₆	2 ⁹ / ₁₆	3 ¹¹ / ₁₆
3 x 3 x 2 x 2 F	1.408	1.934	3 ³ / ₈	2 ¹ / ₈	2 ⁷ / ₈	2 ⁷ / ₈	2 ¹ / ₂
4 x 4 x 4 x 2	2.079	2.600	6 ¹ / ₈	3 ⁷ / ₈	3 ⁷ / ₈	3 ⁵ / ₁₆	5

5872 4872

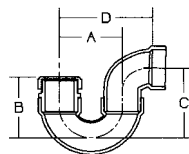


Sanitary Tee w/90° Right Inlet (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES	DIM. E INCHES
3 x 3 x 3 x 2 F	1.147	1.543	4 ⁷ / ₈	3 ¹ / ₁₆	3 ¹ / ₁₆	2 ⁷ / ₈	3 ¹¹ / ₁₆
3 x 3 x 3 x 1 ¹ / ₂	1.061	1.479	4 ⁷ / ₈	3 ¹ / ₁₆	3 ¹ / ₁₆	2 ⁹ / ₁₆	3 ¹¹ / ₁₆
3 x 3 x 2 x 2	1.430	1.916	3 ³ / ₈	2 ¹ / ₈	2 ⁷ / ₈	2 ⁷ / ₈	2 ¹ / ₂
4 x 4 x 4 x 2	1.889	2.584	6 ¹ / ₈	3 ⁷ / ₈	3 ⁷ / ₈	3 ⁵ / ₁₆	5

TRAPS

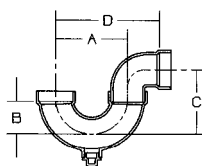
5881 4881



P-Trap (Hub x SJ)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 ¹ / ₂ F	.471	.634	3 ³ / ₁₆	2 ⁵ / ₁₆	3 ⁵ / ₈	4 ⁷ / ₁₆

5884 4884



P-Trap (Hub x Hub x Cleanout w/Plug)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 ¹ / ₂	.405	.547	3 ¹ / ₄	1 ³ / ₈	3 ⁵ / ₈	4 ⁷ / ₁₆
2	.678	.946	5	2 ¹ / ₄	4 ⁵ / ₈	6 ¹ / ₂

† Available in PVC only

F Fabricated

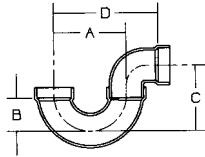
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

TRAPS (Continued)

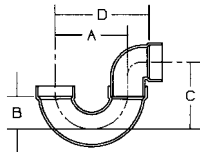
5885 4885



P-Trap (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 1/2	.377	.514	3 1/4	1 3/8	3 5/8	4 13/16
2	.661	.923	5	2 1/4	4 1/2	7 1/4
3	1.748	2.474	6 5/16	2 11/16	6 5/16	8 7/16
4	3.479	4.814	8 1/2	3 11/16	9 3/8	11 31/32

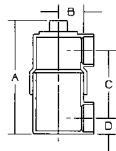
4885-WB



Washer Box P-Trap (Hub x Hub)

NOM. SIZE	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
† 2	.871	5	2 1/4	4 5/8	6 1/2

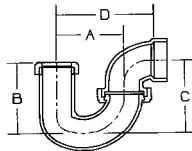
5891 4891



Swivel Drum Trap (Hub x Hub x Cleanout w/Plug)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 1/2 x 3 x 6	.980	1.342	8	1 3/4	4 5/8	1 3/16

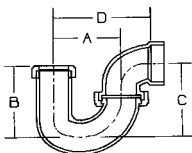
5892 4892



P-Trap w/Union Joint (Hub x SJ)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 1/2	.453	.634	3 1/2	3 3/4	3 13/16	5 1/16
1 1/2 x 1 1/4	.412	.576	3 1/2	3 3/4	3 13/16	5 1/16

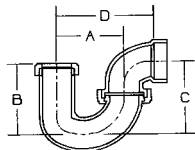
5892-B



P-Trap w/Union Joint (Hub x SJ w/Brass Nut)

NOM. SIZE	ABS APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
* 1 1/2 F	.525	3 1/2	3 3/4	3 13/16	5 1/16

5892-C 4892-C



P-Trap w/Union Joint (Hub x SJ w/Chrome Nut)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 1/2 F	.482	.663	3 1/2	3 3/4	3 13/16	5 1/16
1 1/2 x 1 1/4 F	.435	.599	3 1/2	3 3/4	3 13/16	5 1/16

† Available in PVC only

F Fabricated

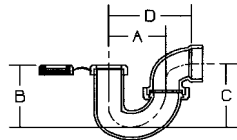
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

TRAPS (Continued)

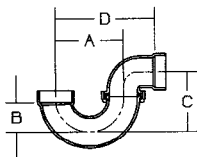
5893 4893



P-Trap w/Union Joint L.A. Pattern (Hub x SJ)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 ¹ / ₂ or 1 ¹ / ₂ x 1 ¹ / ₄	.485	.666	3 ¹ / ₄	3 ⁵ / ₈	3 ¹ / ₂	4 ¹ / ₂

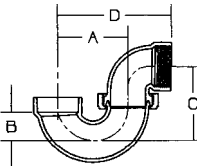
5895 4895



P-Trap w/Union Joint (Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 ¹ / ₄	.341	.468	3 ¹ / ₂	1 ³ / ₈	3 ⁵ / ₈	4 ⁵ / ₈
1 ¹ / ₂	.398	.572	3 ¹ / ₄	1 ³ / ₈	3 ⁵ / ₈	4 ¹³ / ₁₆
2	.695	.929	5	2 ¹ / ₄	5	7 ¹ / ₄

5895-3 4895-3

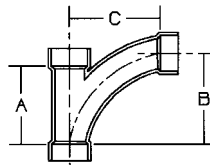


P-Trap w/Union Joint (Hub x FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES	DIM. D INCHES
1 ¹ / ₂	.401	.566	3 ¹ / ₄	1 ³ / ₈	3 ¹ / ₂	5 ¹ / ₄

TY'S

5812-LR 4812-LR



Long Radius TY (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
1 ¹ / ₂	.338	.458	3 ¹ / ₂	3 ⁷ / ₈	3 ¹⁵ / ₁₆
2	.520	.694	4 ⁷ / ₁₆	5 ¹ / ₈	5 ¹ / ₈
2 x 2 x 1 ¹ / ₂	.360	.517	3 ¹ / ₂	3 ⁷ / ₈	4 ⁵ / ₃₂
* 2 x 1 ¹ / ₂ x 2	.522	N/A	4 ⁷ / ₁₆	5 ¹ / ₈	5 ¹ / ₈
2 x 1 ¹ / ₂ x 1 ¹ / ₂	.376	.537	3 ¹ / ₂	3 ⁷ / ₈	4 ⁵ / ₃₂
3	1.608	2.226	6 ¹ / ₂	7 ⁹ / ₁₆	7 ⁹ / ₁₆
3 x 3 x 2	.936	1.255	4 ⁷ / ₁₆	5 ¹ / ₈	5 ¹¹ / ₁₆
3 x 3 x 1 ¹ / ₂	.750	1.075	3 ¹ / ₂	3 ¹⁵ / ₁₆	4 ³ / ₄
4	3.174	4.152	8 ¹ / ₂	10	10
4 x 4 x 3	2.089	2.919	6 ¹ / ₂	7 ⁹ / ₁₆	8 ¹ / ₁₆
4 x 4 x 2	1.340	1.845	4 ¹ / ₂	5 ¹ / ₈	6 ¹ / ₈

* Available in ABS only

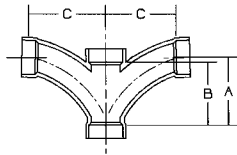
Do not use or test the products in this catalog with compressed air or other gasses.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

TY'S (Continued)

5836 4836

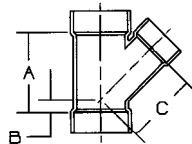


Double Long Turn TY (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
† 2 F	N/A	1.341	5 ¹ / ₈	4 ⁷ / ₁₆	5 ¹ / ₈
2 x 2 x 1 ¹ / ₂ x 1 ¹ / ₂ F	.721	.967	3 ¹⁵ / ₁₆	3 ¹ / ₂	4 ³ / ₁₆
† 3 x 3 x 2 x 2 F	N/A	1.900	5 ¹ / ₈	4 ⁷ / ₁₆	5 ¹ / ₁₆
* 4 F	4.896	6.884	10	8 ¹ / ₂	10
† 4 x 4 x 2 x 2 F	N/A	2.549	5 ¹ / ₈	4 ¹ / ₂	6 ¹ / ₈

WYES

5810 4810



45° Wye (Hub x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
1 ¹ / ₄	.220	.312	3 ⁵ / ₈	1 ¹ / ₁₆	2 ⁹ / ₁₆
1 ¹ / ₂	.264	.373	3 ⁷ / ₈	1 ¹ / ₁₆	2 ¹³ / ₁₆
2	.426	.567	5	1 ³ / ₈	3 ⁵ / ₈
2 x 2 x 1 ¹ / ₂	.372	.470	4 ¹ / ₄	1	3 ³ / ₈
2 x 1 ¹ / ₂ x 1 ¹ / ₂	.309	.413	3 ⁹ / ₃₂	1 ¹ / ₁₆	2 ³¹ / ₃₂
3	1.254	1.697	6 ⁵ / ₈	1 ⁵ / ₈	5
3 x 3 x 2	.826	1.157	5	7 ⁷ / ₈	4 ⁵ / ₈
3 x 3 x 1 ¹ / ₂	.781	1.099	4 ⁵ / ₃₂	7 ¹ / ₁₆	4 ⁹ / ₃₂
4	2.305	3.171	8 ¹ / ₄	1 ⁷ / ₈	6 ³ / ₈
4 x 4 x 3	1.753	2.418	6 ⁵ / ₈	1 ¹ / ₁₆	6
4 x 4 x 2	1.311	1.828	5 ¹ / ₁₆	3 ⁷ / ₈	5 ⁹ / ₁₆
4 x 4 x 1 ¹ / ₂	1.390	1.922	5 ¹ / ₁₆	3 ⁷ / ₈	5 ⁷ / ₈
6	5.053	7.144	10 ³ / ₈	1 ³ / ₄	8 ⁷ / ₁₆
6 x 6 x 4	3.562	5.040	7 ¹ / ₄	1 ¹ / ₄	7 ¹ / ₂
6 x 6 x 3	3.973	5.566	7 ¹ / ₄	1 ¹ / ₄	7 ³ / ₄
† 8	N/A	15.200	14 ³ / ₄	2 ³ / ₈	11 ³ / ₄
† 8 x 8 x 6	N/A	10.720	9 ¹ / ₂	1	9 ¹³ / ₁₆
† 8 x 8 x 4 F	N/A	12.911	9 ¹ / ₂	1	11 ²³ / ₃₂

* Available in ABS only

† Available in PVC only

F Fabricated

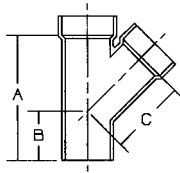
Do not use or test the products in this catalog with compressed air or other gases.

ABS & PVC-DWV Fittings

5800 Series - ABS/4800 Series PVC

WYES (Continued)

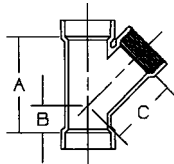
5810-2 4810-2



45° Street Wye (Spig x Hub x Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
* 1 1/2	.258		4 11/16	1 13/16	2 7/8
2	.414	.567	5 29/32	2 1/4	3 21/32
3	1.199	.595	8 1/8	3 1/8	5
3 x 3 x 2	.827	1.158	6 1/2	2 3/8	4 5/8
† 3 x 3 x 1 1/2	.725	1.015	5 3/4	2	4 5/16
4	2.183	3.056	10	3 5/8	6 3/8
4 x 4 x 3	1.678	2.349	8 3/8	2 13/16	6
† 4 x 4 x 2	N/A	1.768	6 13/16	2 1/8	5 9/16

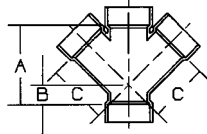
5810-14



45° Wye (Hub x Hub x FIPT)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
* 1 1/2	.287		3 7/8	1 1/16	3 13/16

5834 4834



45° Double Wye (All Hub)

NOM. SIZE	ABS APPROX. NET WT./LBS.	PVC APPROX. NET WT./LBS.	DIM. A INCHES	DIM. B INCHES	DIM. C INCHES
1 1/2	.365	.504	4	1 1/8	2 7/8
2	.558	.787	5	1 3/8	3 5/8
2 x 2 x 1 1/2 x 1 1/2	.453	.619	4 3/8	1 1/16	3 7/16
3	1.557	2.261	6 5/8	1 5/8	5
3 x 3 x 2 x 2	.975	1.346	5	7/8	4 5/8
3 x 3 x 1 1/2 x 1 1/2	.815	1.170	4 1/4	1/2	4 5/16
4	2.800	3.956	8 1/4	1 7/8	6 3/8
4 x 4 x 3 x 3	2.072	2.899	6 5/8	1 1/16	6
4 x 4 x 2 x 2	1.400	1.995	5 1/16	3/8	5 9/16
† 6	N/A	5.000	10 3/16	1 3/4	8 7/16
6 x 6 x 4 x 4	4.079	5.706	7 1/4	1/4	7 1/2

* Available in ABS only

† Available in PVC only

Do not use or test the products in this catalog with compressed air or other gasses.