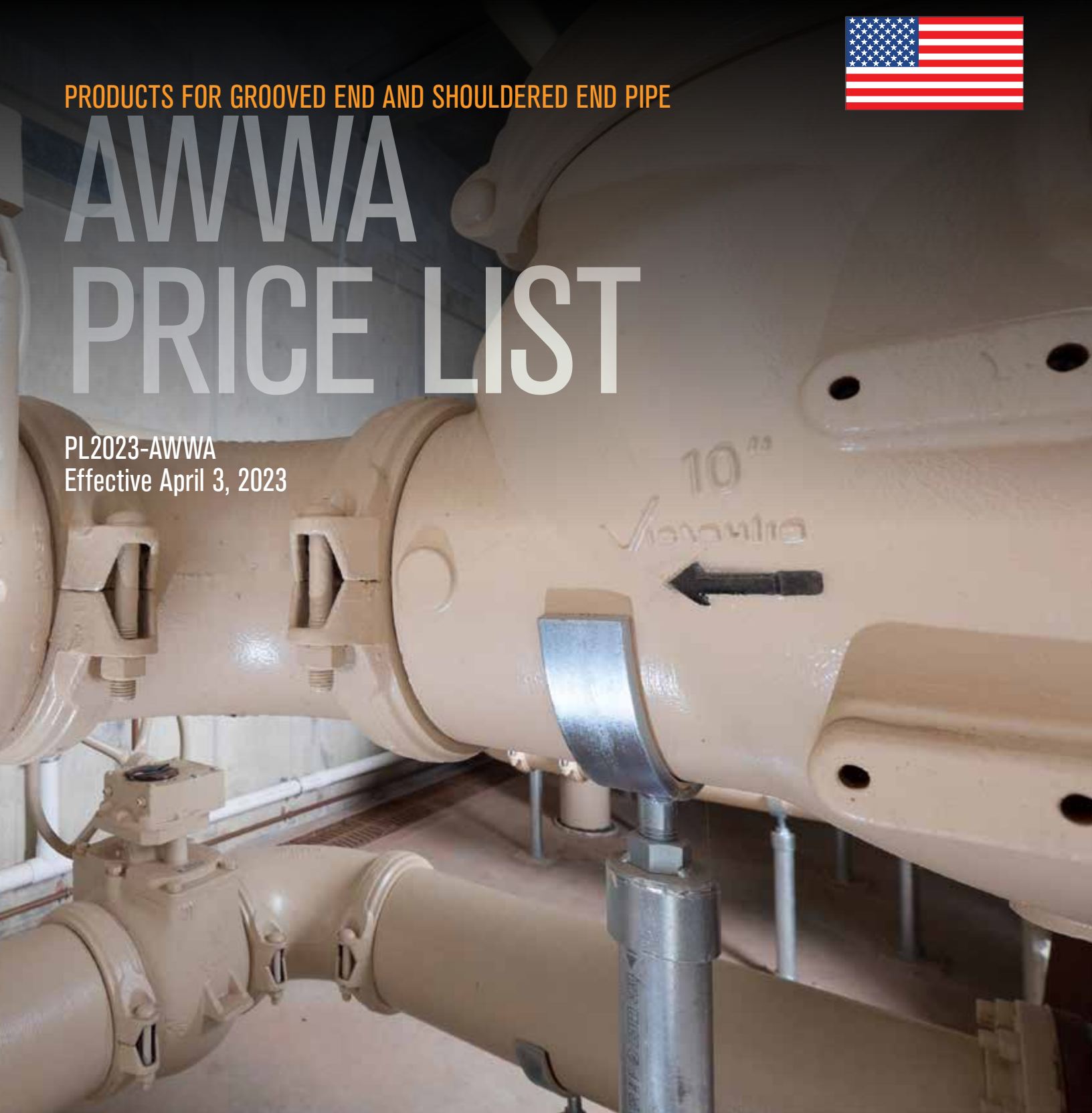




PRODUCTS FOR GROOVED END AND SHOULDERED END PIPE

AWWA PRICE LIST

PL2023-AWWA
Effective April 3, 2023



ENGINEERING CONFIDENCE INTO EVERY BUILD



Around the world and across diverse business lines, Victaulic provides durable pipe joining solutions that solve the construction industry's toughest challenges.

Since 1919, Victaulic's innovative piping products and design services continue to **increase construction productivity** and **reduce risk, ensuring projects are completed safely, on time and within budget.**

With more than 40 international facilities, Victaulic helps customers in 140 countries succeed in the global construction industry.

FIRE PROTECTION | HVAC | PLUMBING | OIL & GAS | MINING | WATER & WASTEWATER | POWER GENERATION | MARITIME



victaulic.com

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Source: skyscrapercenter.com and the Council on Tall Buildings and Urban Habitat



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Gaskets

Gasket Selection Guide

Refer to publication 05.01 for more information.



For information pertaining to gasket seals for couplings, seals for Vic-Press™ products, O-rings for Victaulic® Bolted Split Sleeve products and general definition/ seal material Selection, refer to publication 05.01.
For specific chemical and temperature compatibility, refer to the Gasket Chemical Services Guide Long Report (GSG-100).

Victaulic Lubricant



LUBRICANT	Price Each
PACK With 12 Tubes – 4 Fluid Ounces/120 ml Each	\$710.00 ^{NR}
CONTAINER One Quart – 32 Fluid Ounces/960 ml Each	311.50 ^{NR}

^{NR} **Non-returnable**

To ensure easy assembly and service of all your Victaulic installations including HDPE, be sure to include plenty of Victaulic Lubricant with every order. The following chart provides a rough gauge of quantities recommended, based on the number of units sold.

LUBRICANT USAGE GUIDE								
Size of Gasket inches	Number of Gaskets		Size of Gasket inches	Number of Gaskets		Size of Gasket inches	Number of Gaskets	
	Per Tube	Per Quart		Per Tube	Per Quart		Per Tube	Per Quart
2	140	1120	8	31	252	16	11	86
3	97	773	10	25	202	18	10	76
4	71	558	12	21	171	20	9	69
6	49	383	14	12	98	24	7	57

Products for AWWA Grooved End Pipe

Standard AWWA Couplings

Coating Options

Victaulic couplings and flange adapters are available in a variety of coatings. This is a list of the most common coatings. **Victaulic couplings are supplied with a Tnemec Series 37-77 unless specified otherwise.** For more information regarding available coatings, contact Victaulic.

Coating	% Increase
Asphalt	0
Tnemec Series 37-77	0
Tnemec Series 66	8
Tnemec Series 69	8
Tnemec Series 90 - 97 Z(inc-Rich Primer)	8
Tnemec Series 104	8

Coating	% Increase
Tnemec Series 135	8
Tnemec Series 140	8
Tnemec Series 160	+
Tnemec Series 161	+
Coal Tar Epoxy (T46H413)	17
Tnemec Series 1	8
Wasser MC-FerroClad	8

+ Contact Victaulic for product details.

Products for AWWA Grooved End Ductile Iron Pipe

Standard Coupling

STYLE 31

With Flush-Seal™ Gasket
Refer to publication 23.02.



STYLE 31 – GRADE “S” OR “M” FLUSH-SEAL™ GASKET

PIPE Inches		Approx. Wgt. Each	Coupling Complete w/Grade “S” or “M” Flush-Seal Gasket and Plated Bolt & Nut †		Coupling Complete w/Grade “S” or “M” Flush-Seal Gasket and Stainless Steel Bolt & Nut †		Spare Parts	
Nom. Size	Outside Dia.		Price Each		Price Each		Plated Bolt & Nut	
			Painted	Galv.	Painted	Galv.	No. * Bolts	Size Inches
3	3.96	4.3	\$330.50	\$416.00	\$507.50	\$637.50	2	½ x 2¾
4	4.80	6.4	364.50	487.00	637.50	845.50	2	⅝ x 3¼
6	6.90	8.5	541.00	704.00	807.50	1049.50	2	⅝ x 3¼
8	9.05	15.4	792.50	1074.50	1194.00	1621.00	2	¾ x 5
10	11.10	22.5	1047.50	1453.50	1442.50	1951.50	2	¾ x 5
12	13.20	30.0	1533.50	2086.50	1911.50	1965.50	2	⅞ x 5
14	15.30	40.8	1659.00	1943.50	2068.00	2833.50	4	1 x 3½
16	17.40	61.3	1785.00	2807.50	2431.50	3826.00	4	1 x 3½
18	19.50	80.0	2225.00	3229.50	2864.50	4157.50	4	1 x 3½
20	21.60	76.0	2601.00	3580.00	3349.50	4611.00	4	1⅞ x 4
24	25.80	104.0	3326.50	4651.50	4457.00	7172.00	6	1⅞ x 4
30	32.00	162.0	6548.50	8693.50	7617.00	11215.00	6	1⅞ x 4
36	38.30	200.0	7442.50	10056.00	8494.00	+	6	1⅞ x 4

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

* Number of bolts equals number of segments supplied.

† Surcharge for couplings supplied without gasket. Contact Victaulic for pricing.

Sizes 4” – 16” are UL Listed/FM Approved for underground fire protection water supply systems.

+ Quoted on application. Contact Victaulic for pricing and availability.

Transition Coupling

STYLE 307

(For connecting AWWA to IPS pipes, valves, and fittings)
Refer to publication 23.03.



STYLE 307 – GRADE “S” OR “M” FLUSH-SEAL™ GASKET

PIPE Inches			Approx. Wgt. Ea.	COUPLING COMPLETE With Grade “M” or “S” Flush-Seal Gasket and Plated Bolts & Nut †		Coupling Complete w/Grade “M” or “S” Flush-Seal Gasket and Stainless Steel Bolt & Nut †		SPARE PARTS		
Nom. Size	Mating Pipe O.D.			Price Each		Price Each		Bolt & Nut		
	IPS Steel	AWWA Ductile		lb	Painted	Galv.	Painted	Galv.	No. *	Size Inches
3	3.50	3.96	6.0	\$513.00	\$688.00	\$895.00	\$1070.00	2	1½	x 2¾
4	4.50	4.80	8.0	588.50	807.50	1200.00	1659.50	2	1½	x 3¼
6	6.63	6.90	9.0	714.50	969.00	1263.50	1671.00	2	5⁄8	x 3¼
8	8.63	9.05	18.0	888.50	1317.50	1378.00	1859.50	2	¾	x 5
10	10.75	11.10	22.0	1139.00	1673.50	1440.00	2111.00	2	7⁄8	x 6½
12	12.75	13.20	31.1	1511.50	2252.50	1793.00	3015.00	2	7⁄8	x 6½

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

* Number of bolts equals number of segments supplied.

† Surcharge for couplings supplied without gasket. Contact Victaulic for pricing.

Products for AWWA Grooved End Ductile Iron Pipe

Vic-Flange Adapter

STYLE 341

Refer to publication 23.04.



STYLE 341 – GRADE “S” OR “M” GASKET

PIPE Inches		Approx. Wgt. Each lb	Vic-Flange Adapter Complete with Grade “S” or “M” Gasket †	
Nominal Size	Outside Diameter		Price Each	
			Painted	Galv.
STYLE 341 - Hinged				
3	3.96	5.4	\$573.50	\$718.50
4	4.80	8.2	637.50	832.00
6	6.90	12.0	835.50	1110.00
8	9.05	17.4	1054.50	1428.50
10	11.10	24.6	1542.00	2081.50
12	13.20	34.4	2003.00	2740.00
STYLE 341 - Four Piece				
14	15.30	61.0	\$4065.00	\$5375.50
16	17.40	80.0	4700.50	6352.50
18	19.50	98.8	5767.50	7800.50
20	21.60	113.9	6937.00	9317.50
24	25.80	134.9	8878.50	11771.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Vic-Flange adapters sizes 4 – 12” are UL Listed/FM Approved for underground fire protection water supply systems.

† Surcharge for couplings supplied without gasket. Contact Victaulic for pricing.

Flange Parts

FOR STYLE 341 VIC-FLANGE ADAPTERS

FOR STYLE 341 VIC-FLANGE ADAPTERS

PIPE Inches	Flange Washers	“S” or “M” Gasket	Silicone “L” Gasket
Nominal Size	Price Each	Price Each	
STYLE 341 - Hinged			
3	\$248.50 ^{NR}	\$140.00	+
4	288.50 ^{NR}	140.00 ^{NR}	+
6	396.50 ^{NR}	154.50 ^{NR}	+
8	498.50 ^{NR}	176.50 ^{NR}	+
10	688.50 ^{NR}	201.50 ^{NR}	+
12	1004.00 ^{NR}	239.00 ^{NR}	+
STYLE 341 - Four Piece			
14	\$1093.50 ^{NR}	\$267.00 ^{NR}	+
16	1939.50 ^{NR}	289.00 ^{NR}	+
18	2069.00 ^{NR}	407.50	+
20	+	438.00 ^{NR}	+
24	+	485.00 ^{NR}	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

^{NR} Non-returnable

Products for AWWA Grooved End Ductile Iron Pipe

Gaskets

GASKETS FOR STYLES 31 AND 307

Nom. Size		Style 31		Style 307
Inches	Outside Dia.	Grade "S" or "M" Flush-Seal Gasket Only	Grade "L" Silicone Flush-Seal Gasket Only	Grade "S" or "M" Flush-Seal Gasket Only
		Price Each		
3	3.96	\$94.50	\$368.00	\$220.00
4	4.80	103.00 ^{NR}	397.00	228.00
6	6.90	202.00 ^{NR}	465.00	247.50
8	9.05	266.50 ^{NR}	572.00	274.00
10	11.10	299.50 ^{NR}	660.50	475.50
12	13.20	352.00 ^{NR}	691.00	491.50
14	15.30	396.00 ^{NR}	743.50 ^{NR}	–
16	17.40	441.00 ^{NR}	794.50 ^{NR}	–
18	19.50	549.50 ^{NR}	1133.00	–
20	21.60	731.00 ^{NR}	1330.50	–
24	25.80	996.50 ^{NR}	1462.50 ^{NR}	–
30	32.00	2587.00 ^{NR}	+	–

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

^{NR} **Non-returnable**

Plated Bolts and Nuts



PLATED BOLTS AND NUTS

Bolt and Nut Size Inches			Price Each
1/2	x	2 3/4	\$42.50 ^{NR}
		3 1/4	42.50
5/8	x	3 1/4	47.00 ^{NR}
3/4	x	5	71.50 ^{NR}
7/8	x	5	94.00 ^{NR}
		6 1/2	116.00 ^{NR}
1	x	3 1/2	100.50 ^{NR}
1 1/8	x	4	154.50 ^{NR}

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

^{NR} **Non-returnable**

Vic-Ring Products for AWWA Grooved or Shouldered End Pipe

Vic-Ring Grooved or Shouldered Joint Check Sheet



Send US inquiries to: engrprodchecksheets@victaulic.com or fax to: 610-923-3010
To speak with a Customer Service representative in the US, please call 1-800-PICK-VIC

The joining of pipe with a suitable Victaulic Vic-Ring coupling presents individual considerations that require review by a Victaulic Piping System expert who is experienced in special pipe joining applications. For more information please contact Victaulic, or refer to Victaulic Company's Vic Ring submittals 16.01 and 16.02 available at www.victaulic.com.

TO OBTAIN A QUOTE, PLEASE PROVIDE THE INFORMATION REQUESTED BELOW.







CUSTOMER INFORMATION:

PROJECT NAME:	PROJECT LOCATION:
VICTAULIC SALES:	BID DATE:
CONTRACTOR:	CONTRACT NAME:
PHONE/FAX:	EMAIL:
DISTRIBUTOR/FABRICATOR:	CONTACT NAME:
PHONE/FAX:	EMAIL:

APPLICATION DATA:

JOINT TYPE: <input type="checkbox"/> Pipe to Pipe (two Rings required) <input type="checkbox"/> Pipe to Shoulder (one Ring req.) <input type="checkbox"/> Pipe to Shoulder Valve (one Ring req.)			
NOMINAL PIPE SIZE:	ACTUAL PIPE OD:	SCHEDULE:	WALL THICKNESS:
PIPE MATERIAL: <input type="checkbox"/> Carbon Steel <input type="checkbox"/> Ductile Iron - Requires special pipe preparation as well as welding processes. <input type="checkbox"/> Stainless Steel - Type: _____			
COUPLING BOLTS / NUTS MATERIAL: <input type="checkbox"/> Zinc Plated Carbon Steel (Std.) <input type="checkbox"/> 316 Stainless Steel <input type="checkbox"/> Galvanized Carbon Steel		COUPLING PROTECTIVE COATING: <input type="checkbox"/> Other (please describe) _____ <input type="checkbox"/> T37H-77 (Standard) <input type="checkbox"/> Liquid Epoxy (T140)	
MEDIA FLUID:		WORKING PRESSURE:	TEST PRESSURE:
GASKET GRADE:	TYPE: <input type="checkbox"/> Standard <input type="checkbox"/> FlushSeal®	TEMPERATURE RANGE: MIN: _____ MAX: _____	

CONFIGURATION INFORMATION:

COUPLING: STYLE: _____ SIZE: _____ QTY: _____ (# of Joints)	
RINGS: STYLE: _____ SIZE: _____ QTY: _____ (per Joint)	
RING TYPE: <div><input type="checkbox"/>  TYPE D</div> <div><input type="checkbox"/>  TYPE E</div> <div><input type="checkbox"/>  TYPE B</div> <div><input type="checkbox"/>  TYPE C</div>	WELD DETAIL (if applicable): <div><input type="checkbox"/>  ABRASIVE SERVICE</div> <div><input type="checkbox"/>  NON ABRASIVE SERVICE</div>
PIPE LINING: (if applicable): Lining Material: _____ Thickness: _____ <input type="checkbox"/> Corrosion and Abrasion <input type="checkbox"/> Abrasion Only	

3085 Rev.F



Vic-Ring Products for AWWA Grooved or Shouldered End Pipe

Vic-Ring Couplings

Style 41 and 44 couplings are used in conjunction with *Vic-Ring* adapters when it is not possible to direct groove pipe. Pipe to pipe connections require two *Vic-Ring* adapters per joint. Contact Victaulic for pricing on *Vic-Ring* adapters. For further information on the *Vic-Ring* system request publication 16.01.

Style 41 Couplings

Refer to publication 16.04.



STYLE 41 COUPLINGS

PIPE O.D.	Max. Work. Pressure	Type "D" or "E" Joint	Spare Parts			
			No.	Bolt Dim. Size Inches	Bolt/Nut Price Ea.	Grade "E" Gasket Price Ea.
Inches	psi	Price Each				
30	90	+	6	1 $\frac{1}{8}$ x 5 $\frac{1}{2}$	\$154.50 ^{NR}	\$1974.00 ^{NR}
36	90	+	6	1 $\frac{1}{8}$ x 5 $\frac{1}{2}$	154.50 ^{NR}	2406.50 ^{NR}
38	90	+	6	1 $\frac{1}{4}$ x 5 $\frac{1}{2}$	445.50	2536.50
42	90	+	8	1 $\frac{3}{8}$ x 5 $\frac{3}{4}$	516.00	2635.00
46	90	+	8	1 $\frac{1}{2}$ x 5 $\frac{3}{4}$	553.50	2635.00 ^{NR}
48	90	+	8	1 $\frac{3}{4}$ x 6	965.00	2999.50
54	90	+	8	1 $\frac{3}{4}$ x 6	965.00	3296.00
60	90	+	10	1 $\frac{7}{8}$ x 6	1277.00	3830.00
66	90	+	24	1 $\frac{1}{2}$ x 5 $\frac{3}{4}$	553.50	+
72	80	+	24	1 $\frac{1}{2}$ x 5 $\frac{3}{4}$	553.50	+

^{NR} Non-returnable

+ Quoted on application. Contact Victaulic for pricing and availability.

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Style 44 Couplings

Refer to publication 16.05.



STYLE 44 COUPLINGS

PIPE O.D.	Max. Work. Pressure	Type "D" or "E" Joint	Spare Parts			
			No.	Bolt Dim. Size Inches	Bolt/Nut Price Ea.	Grade "E" Gasket Price Ea.
Inches	psi	Price Each				
4	175	+	2	$\frac{5}{8}$ x 4	\$62.00	\$197.50
6	175	+	2	$\frac{5}{8}$ x 4	62.00	346.00
8	175	+	2	$\frac{3}{4}$ x 5	71.50 ^{NR}	359.00
10	175	+	2	$\frac{3}{4}$ x 5	71.50 ^{NR}	370.00
12	175	+	2	$\frac{7}{8}$ x 5 $\frac{1}{2}$	100.00 ^{NR}	482.50 ^{NR}
14	175	+	4	1 x 3 $\frac{1}{2}$	100.50 ^{NR}	550.50
16	175	+	4	1 x 3 $\frac{1}{2}$	100.50 ^{NR}	633.00
18	175	+	4	1 x 3 $\frac{1}{2}$	100.50 ^{NR}	782.00
20	175	+	4	1 $\frac{1}{4}$ x 5 $\frac{1}{2}$	445.50	1049.50
24	175	+	6	1 $\frac{1}{4}$ x 3 $\frac{1}{2}$	445.50	1453.50 ^{NR}
30	175	+	6	1 $\frac{1}{2}$ x 5 $\frac{3}{4}$	553.50	1974.00 ^{NR}
36	175	+	6	1 $\frac{1}{2}$ x 5 $\frac{3}{4}$	553.50	2406.50 ^{NR}
42	175	+	8	1 $\frac{3}{4}$ x 6	965.00	2635.00
48	175	+	16	1 $\frac{3}{8}$ x 5 $\frac{3}{4}$	516.00	2999.50
54	175	+	16	1 $\frac{1}{2}$ x 5 $\frac{3}{4}$	553.50	3296.00
60	175	+	20	1 $\frac{1}{2}$ x 5 $\frac{3}{4}$	553.50	3830.00

^{NR} Non-returnable

+ Quoted on application. Contact Victaulic for pricing and availability.

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Bolted Split-Sleeve Couplings For pricing on Victaulic Bolted Split-Sleeve Couplings, refer to PL2023-VBSP.

Products for AWWA Grooved End Ductile Iron Pipe

Series 365 Plug Valves

Plug Valve Disc Coating/Seal Options

SERIES 365

Refer to publication 23.06.



Optional plug seal coatings are available – pricing and availability on application. Valve supplied standard with Nitrile (Grade “T”) coated plug. Contact Victaulic for details.

Grade “E” EPDM – (P- _ _ _ 7121-00)

Grade “O” Fluoroelastomer – (P- _ _ _ 7131-00)

P - 080 - 7 1 1 1 - 80

Type	Nom. In./mm	Size Code	Pressure Rating	Body Material	Plug Coating	Seat	Operator
P	3"/80 4"/100 6"/150 8"/200 10"/250 12"/300	030 040 060 080 100 120	7 - 175 psi full bi-directional (1)	1 - Iron 3 - Coated iron (2) 7 - Glass lined	1 - Nitrile - “T” 2 - EPDM - “E” 3 - Fluoroelastomer - “O”	1 - Nickel 7 - Glass Lined/ Nickel Seat	00 - Bare 01 - 2" Hub Nut Only 10 - Std. Handle (2) 11 - Std. Handle with memory stop (2) 80 - Gear Op w/Handwheel 81 - Gear Op w/2" Nut 82 - Gear Op w/Chainwheel 99 - Special (1)

(1) Details must be supplied with order.

(2) 3, 4 and 6"/80, 100 and 150 mm only.

Series 365 Plug Valves with Operators

Refer to publication 23.06.



SERIES 365 WITH OPERATORS

Nom. Size inches	Bare	With Lever	Gear Op. w/ Handwheel or 2" nut	Gear Op. w/ Chainwheel
3	\$2078.50	\$2114.00	\$3231.50	\$3951.00
4	2208.00	2272.50	3558.00	4020.00
6	2988.50	2941.00	3882.00	+
8	4491.00	–	6190.50	7949.50
10	6496.50	–	9592.50	11769.50
12	8404.50	–	12157.50	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

The standard interior and exterior coating for Series 365 Plug Valves is Themec Series N140. Other epoxy coatings are available including: Themec Series 66, 69, 104, 135, T1 and Wasser MC-FerroClad. For additional epoxy coatings, contact Victaulic for pricing and availability.

Note: Please contact Victaulic for pricing and availability for Series 365 Plug Valves in sizes above 12".

List Adders for Plug Valves

SERIES 365 LIST ADDERS

Nom. Size inches	Glass Lining
3	\$920.50
4	1007.00
6	1203.50
8	1450.50
10	1648.00
12	1922.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Products for AWWA Grooved End Ductile Iron Pipe

Gear Operator Accessories for Series 365 Plug Valves

GEAR OPERATOR ACCESSORIES

Size inches	Handwheel Only	2" Nut	Chain Wheel Kit	Gear Operator Only	Chain Per Foot
3	+	+	\$1282.50	+	\$31.00
4	+	+	1282.50	+	31.00
6	+	+	2813.00	+	31.00
8	+	+	2352.00	+	31.00
10	+	+	2352.00	+	31.00
12	+	+	2352.00	+	31.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

SERIES 365 VALVE EXTENSION STEMS – CARBON STEEL STEM WITH 2" SQUARE NUT ON TOP

Valve Size inches	Stem Diameter inches	1st 5 ft. with pin top & bottom	Each additional foot
3 – 10	1	+	+
12	1¼	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Stainless steel extension stems available priced on application. Contact Victaulic for pricing and availability.

NOTE: For automatic actuation, contact your local valve automation center for pricing and availability.

Series 317 AWWA Check Valves

Refer to publication 23.09.



Bare

Arm and Weight



Arm and Spring

Arm and Air Cushion

SERIES 317 AWWA CHECK VALVES

Nom. Size inches	Bare Bronze Seat or "T" Nitrile Seat		Arm and Weight Bronze Seat or "T" Nitrile Seat		Arm and Spring Bronze Seat or "T" Nitrile Seat		Arm and Air Cushion Bronze Seat or "T" Nitrile Seat	
	Approx. Wgt. Each lb	Price Each	Approx. Wgt. Each lb	Price Each	Approx. Wgt. Each lb	Price Each	Approx. Wgt. Each lb	Price Each
3	50.0	\$2096.00	57.0	\$3771.50	54.0	\$3771.50	65.0	\$4309.50
4	70.0	2793.50	77.0	4467.00	74.0	4467.00	85.0	5006.50
6	120.0	3723.00	127.0	5397.00	124.0	5397.00	135.0	6447.00
8	225.0	6030.00	242.0	7491.00	233.0	7491.00	259.0	8929.50
10	350.0	9591.00	367.0	10742.50	358.0	10742.50	384.0	13717.50
12	460.0	12551.50	477.0	14228.00	468.0	14228.00	494.0	19248.50

NOTE: Taps available as special order. Contact Victaulic for details.

NOTE: Specify choice on order.

NOTE: Please contact Victaulic for pricing and availability for Series 317 check valves in sizes above 12".

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Products for AWWA Grooved End Ductile Iron Pipe

Series 317 Kits

SERIES 317 KITS

Nominal Size inches	Kits - Price Each		
	Arm and Weight	Arm and Spring	Arm and Air Cushion
3	\$2314.00	\$2314.00 ^{NR}	\$4321.50
4	2314.00	2314.00 ^{NR}	4321.50
6	2314.00	2314.00	4857.50
8	2314.00	2314.00	5943.00
10	2314.00	2314.00	8865.50
12	2314.00	2314.00	12777.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

NOTE: Kits include all hardware and instructions necessary to field-convert valve to desired option.

^{NR} Non-returnable

List Adders for Check Valves

SERIES 317 LIST ADDERS

Nom. Size inches	Epoxy Lining Interior	Epoxy Coating Exterior
3	\$345.00	\$265.50
4	345.00	309.00
6	345.00	343.50
8	345.00	431.50
10	345.00	508.00
12	345.00	568.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Epoxy paints included in above are Tnemec Series 66, 69, 104, 135, 140, T1, and Wasser MC-FerroClad.

C - 040 - 1 1 1 1 - 10

Type	Act. In./mm	Size Code	Pressure Rating	Body Material	Closure Coupling Gasket Grade	Seat	Accessories*
C	3/80 4/100 6/150 8/200 10/250 12/300	030 040 060 080 100 120	1 - 175 psi 9 - Special*	1 - Iron 3 - Coated Iron** 7 - Glass lined 9 - Special*	1 - (S) Nitrile 2 - (M) Hologenated Butyl 3 - (V) Neoprene 4 - (O) Fluoroelastomer 9 - Special*	1 - Bronze 2 - (T) Nitrile 3 - (E) EPDM 4 - (V) Neoprene 5 - (O) Fluoroelastomer 9 - Special*	10 - Bare shaft on right side of valve 11 - Lever with Adjustable Spring mounted on right side of valve 12 - Lever with Weight mounted on right side of valve 13 - Air Cushion with Adjustable Spring mounted on right side of valve 20 - Bare shaft on left side of valve 21 - Lever with Adjustable Spring mounted on left side of valve 22 - Lever with Weight mounted on left side of valve 23 - Air Cushion with Adjustable Spring mounted on left side of valve 9 - Special*

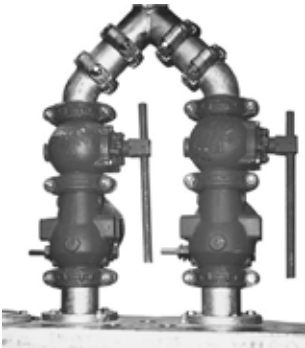
*Details must be supplied with order.

**Details of coating must be supplied with order.

Products for AWWA Grooved End Ductile Iron Pipe

Series 318 Sump Ejector Kit *

Refer to publication 23.12.



SERIES 318 SUMP EJECTOR KIT

Size inches	Wgt. Assembled	Price Each
3	91.4	\$6320.00
4	128.8	7200.50
6	221.4	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

SERIES 318 – SUMP EJECTOR KIT CONSISTS OF THE FOLLOWING COMPONENTS:

Quantity	Component
1	Series 365 Plug Valve
1	Series 317 AWWA Check Valve †
2	Style 307 Transition Coupling
1	Style 31 AWWA Coupling

* Kits are supplied unassembled.

† Arm and Spring Kit standard.

Products for AWWA Grooved End Ductile Iron Pipe

AWWA Fittings

Refer to publication 23.05.



- Conform to AWWA C-606 rigid groove specifications and ANSI A-21.10/AWWA C-110 end to end dimensions.
- Fittings supplied with an alkyd phenolic primer. Optional coatings/linings include coal tar epoxy, zinc-rich primer, cement and others. Cast surfaces equivalent to SSPC-SP6 prior to coating unless otherwise specified. Contact Victaulic with details when ordering special coatings/linings.
- Flanged by grooved fittings available upon request. Contact Victaulic for details.

Coating Options

Victaulic fittings are available in a variety of coatings. This is a list of the most common coatings.

Victaulic fittings are supplied with a Tnemec Series 37-77 unless specified otherwise.

Coating	% Increase
Asphalt	0
Tnemec Series 37-77	0
Tnemec Series 66	8
Tnemec Series 69	8
Tnemec Series 90 - 97 Z(inc-Rich Primer)	8
Tnemec Series 104	8

Coating	% Increase
Tnemec Series 135	8
Tnemec Series 140	8
Tnemec Series 160	+
Tnemec Series 161	+
Coal Tar Epoxy (T46H413)	17
Tnemec Series 1	8
Wasser MC-FerroClad	8

+ Contact Victaulic for product details.

Products for AWWA Grooved End Ductile Iron Pipe

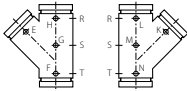
Tapping Locations

Refer to publication 23.05.

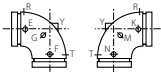
Tapped Fittings

Victaulic can supply tapped fittings on order to ANSI B16.1 dimension locations. Specify fitting size, tap location by letter (as shown below) and tap size – NPT dimensions on order.

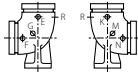
Tap price must be added after calculating coating pricing.



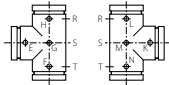
45° Lateral Straight & Reducing



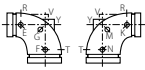
90° Elbow Straight Size



90° Base Elbow Straight & Reducing



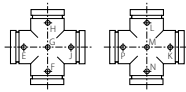
Tee Straight Size



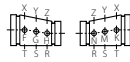
90° Elbow Reducing Size



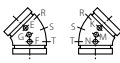
90° Elbow



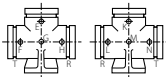
Cross Straight Size



Eccentric Reducer



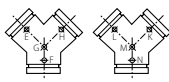
45° Elbow Base Fittings



Base Tee



Concentric Reducer



True "Y"

CAST FITTINGS

Tap Size inches	Positions Y and V		Positions – Other	
	12" and below	14" and above	12" and below	14" and above
1/2	\$1329.50	\$1535.00	\$1031.50	\$1348.50
3/4	1329.50	2045.00	1246.50	1444.50
1	1567.50	2045.00	1305.50	1552.00
1 1/4	2004.00	2385.50	1352.50	1680.50
1 1/2	2252.50	2385.50	1406.00	1680.50
2	2406.50	3063.50	1591.00	1821.50
2 1/2	4802.50	+	2085.50	2116.50
3	6528.50	+	2307.50	2415.00

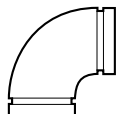
NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

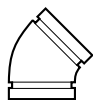
Products for AWWA Grooved End Ductile Iron Pipe

Elbows

Refer to publication 23.05.



No. 10-C



No. 11-C

ELBOWS – 90° ELBOW OR 45° ELBOW

Nom. Size	90° Elbow No. 10-C			45° Elbow No. 11-C		
	Weight Each lb	Price Each		Weight Each lb	Price Each	
		Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
3	8.6	\$538.00	\$563.50	5.8	\$460.50	\$482.50
4	12.0	560.00	586.50	8.4	592.00	623.50
6	22.0	895.00	938.00	15.0	850.00	893.00
8	38.0	1379.50	1450.50	28.8	1271.00	1331.00
10	76.0	2286.50	2399.50	43.3	2053.50	2156.00
12	92.0	3271.50	3433.00	72.0	2990.00	3136.50
14	174.0	3630.50	3811.00	104.0	2867.00	3009.50
16	239.0	4249.50	4515.00	142.0	3678.50	3863.00
18	328.0	5945.50	6245.00	186.0	4852.50	5095.50
20	413.0	7652.00	8034.00	246.0	6280.00	6592.50
24	668.0	11865.00	12458.00	414.0	9438.50	9911.50
30	1002.0	21152.00	22210.00	720.0	17349.00	18215.50
36	1608.0	+	+	1152.0	27198.00	28557.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Elbows

Refer to publication 23.05.



No. 12-C



No. 13-C

ELBOWS – 22½° ELBOW OR 11¼° ELBOW

Nom. Size	22½° Elbow No. 12-C			11¼° Elbow No. 13-C		
	Weight Each lb	Price Each		Weight Each (lbs)	Price Each	
		Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
3	8.7	+	+	6.7	+	+
4	11.5	\$717.00	\$717.00	11.5	\$835.50	\$895.00
6	25.0	938.00	985.00	21.5	1167.50	1227.50
8	39.5	1523.00	1601.00	39.0	1904.50	1999.00
10	67.0	2961.50	3075.50	41.0	3463.50	3578.50
12	108.0	4060.50	4237.00	60.0	4181.50	4328.00
14	112.0	4619.00	4694.50	108.0	4411.50	4575.50
16	128.0	4926.50	5116.00	121.0	5072.50	5262.00
18	185.0	5136.00	5394.00	170.0	5136.00	5394.00
20	200.0	6727.50	7063.50	169.0	6852.00	7063.50
24	282.0	10137.00	10645.50	237.0	10137.00	10645.50
30	681.0	+	+	699.0	+	+
36	975.0	+	+	1124.0	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

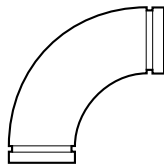
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Long Radius Elbows

NO. 100-C

Refer to publication 23.05.



90° LONG RADIUS ELBOWS

Nom. Size	Weight Each	Price Each †	
		Tnemec 37-77	Cement Lined
inches	lb		
3	+	+	+
4	28.0	\$795.00	\$835.50
6	55.0	1420.50	1497.00
8	83.0	2571.50	2669.50
10	160.0	4294.50	4500.50
12	130.0	5450.00	5685.50
14	318.0	5471.50	5746.00
16	404.0	7208.50	7613.50
18	537.0	10252.50	10764.50
20	694.0	13221.00	13867.00
24	1090.0	20334.00	21352.00
30	2136.0	+	+
36	3120.0	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

† 45° Long Radius Elbow also available, priced on application. Contact Victaulic for pricing and availability.

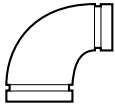
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Reducing Elbows

NO. 10-CR

Refer to publication 23.05



REDUCING ELBOWS

Nominal Size			Weight Each	Price Each	
inches			lb	Tnemec 37-77	Cement Lined
4	x	3	17.0	\$1531.50	\$1608.00
6	x	3	28.5	1659.50	1939.50
		4	29.6	1455.50	1530.00
8	x	4	46.5	1445.50	1885.50
		6	48.5	+	+
10	x	4	65.0	1241.50	+
		6	77.0	2840.00	+
		8	88.0	3315.50	3479.00
12	x	4	+	+	+
		6	90.0	4949.00	5195.00
		8	98.0	4949.00	5195.00
		10	102.0	4949.00	5195.00
14	x	6	+	+	+
		8	135.0	5221.50	+
		10	170.0	5221.50	5409.00
		12	195.0	5221.50	+
16	x	6	+	+	+
		8	+	+	+
		10	195.0	6004.50	6213.00
		12	240.0	6004.50	6213.00
		14	280.0	6004.50	6213.00
18	x	6	+	+	+
		8	+	+	+
		10	+	+	+
		12	305.0	+	+
		14	345.0	+	+
		16	360.0	5623.50	7569.50
20	x	6	+	+	+
		8	+	+	+
		10	+	+	+
		12	365.0	+	+
		14	405.0	7249.50	7630.50
		16	440.0	+	+
		18	485.0	7249.50	7630.50
		24	x	6	+
8	+			+	+
10	+			+	+
12	590.0			+	+
14	630.0			+	+
16	690.0			+	+
18	735.0			+	+
20	815.0			+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

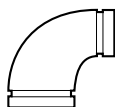
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Reducing Elbows

NO. 10-CR

Refer to publication 23.05



REDUCING ELBOWS

Nominal Size			Weight Each	Price Each	
inches			lb	Tnemec 37-77	Cement Lined
30	x	12	+	+	+
		14	+	+	+
		16	+	+	+
		18	+	+	+
		20	+	+	+
		24	1170.0	+	+
36	x	12	+	+	+
		14	+	+	+
		16	+	+	+
		18	+	+	+
		20	+	+	+
		24	+	+	+
		30	+	+	+

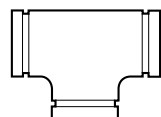
NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

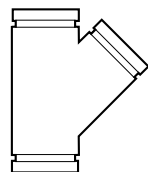
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Tee or Lateral

Refer to publication 23.05.



No. 20-C



No. 30-C

TEE OR LATERAL

Nominal Size	Tee No. 20-C			45° Lateral No. 30-C		
	Weight Each lb	Price Each		Weight Each lb	Price Each	
		Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
3	14.2	\$715.50	\$737.50	20.7	\$1287.00	\$1348.00
4	19.0	837.00	877.00	38.4	1605.00	1684.00
6	34.0	1155.50	1211.00	67.0	2732.50	2866.00
8	59.0	1697.50	1778.50	120.0	3233.00	3392.00
10	111.0	3365.50	3532.00	144.0	7370.50	7598.00
12	136.0	4706.00	4941.00	242.0	10562.00	10740.00
14	262.0	4957.50	5204.00	372.0	11143.50	11552.00
16	304.0	6473.00	6796.50	500.0	12815.00	13344.50
18	408.0	8941.00	9388.50	596.0	14531.50	15257.00
20	552.0	10927.50	11473.00	1103.0	18834.00	19775.00
24	980.0	19711.50	20576.50	1746.0	27980.50	29378.00
30	1552.0	33641.00	35322.50	3280.0	+	+
36	2050.0	49431.00	51903.00	5020.0	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

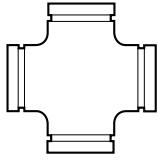
Products for AWWA Grooved End Ductile Iron Pipe

Cap or Cross

Refer to publication 23.05.



No. 60-C



No. 35-C

CAP OR CROSS

Nominal Size inches	Cap ‡ No. 60-C			Cross No. 35-C		
	Weight Each lb	Price Each		Weight Each lb	Price Each	
		Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
3	3.0	\$319.50	\$333.50	24.0	+	+
4	5.0	319.50	333.50	40.0	\$1832.50	\$1920.50
6	9.3	470.50	491.50	71.0	3007.50	3065.50
8	16.0	661.50	690.00	106.0	4433.00	4658.50
10	37.2	1051.50	1103.50	225.0	5353.50	5634.00
12	52.0	1428.50	1507.00	310.0	8040.50	8441.50
14	52.0	1376.00	1443.00	307.0	8483.00	8806.00
16	68.0	1805.50	1896.50	426.0	9755.50	9977.50
18	90.0	2483.00	2607.50	567.0	10171.00	10678.00
20	110.0	2947.00	3093.00	717.0	+	+
24	165.0	4821.50	5061.50	1177.0	+	+
30	300.0	6683.50	7998.00	1366.0	+	+
36	536.0	10558.00	12103.50	1885.0	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

‡ Caps tapped pricing: ½ - ¾" \$396.50; 1" \$505.50; 1¼ - 1½" \$661.50; 2" \$677.00; 2½" \$973.50; 3" \$1096.50

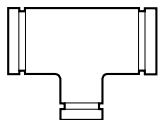
§ All caps with taps are non-cancellable and non-returnable.

Products for AWWA Grooved End Ductile Iron Pipe

Reducing Tee

NO. 25-C

Refer to publication 23.05



REDUCING TEE

Nominal Size			Weight Each	Price Each	
inches			lb	Tnemec 37-77	Cement Lined
4	x	3	26.4	+	\$833.50
6	x	3	53.0	\$1093.50	1151.00
		4	46.0	1093.50	1151.00
8	x	4	78.0	1222.50	1690.00
		6	80.0	1610.50	1690.00
10	x	4	120.0	3196.00	3357.50
		6	128.0	3196.00	3357.50
		8	130.0	3196.00	3357.50
12	x	4	112.0	4468.50	4696.50
		6	180.0	4468.50	4696.50
		8	186.0	4468.50	4696.50
		10	192.0	4468.50	4696.50
14	x	6	238.0	4881.50	5126.50
		8	241.0	4881.50	5126.50
		10	310.0	4881.50	5126.50
		12	328.0	4881.50	5126.50
16	x	6	268.0	6150.50	6456.50
		8	290.0	6150.50	6456.50
		10	319.0	6150.50	6456.50
		12	330.0	6150.50	6456.50
		14	341.0	+	+
18	x	6	320.0	8494.00	8918.50
		8	326.0	8494.00	8918.50
		10	332.0	8494.00	8918.50
		12	339.0	8494.00	8918.50
		14	441.0	+	+
		16	453.0	8494.00	8918.50
20	x	6	405.0	10382.50	10900.50
		8	412.0	10382.50	10900.50
		10	419.0	10382.50	10900.50
		12	426.0	10382.50	10900.50
		14	443.0	10382.50	10900.50
		16	571.0	10382.50	10900.50
		18	584.0	10382.50	10900.50
24	x	6	570.0	18616.50	19547.00
		8	578.0	18616.50	19547.00
		10	586.0	18616.50	19547.00
		12	593.0	18616.50	19547.00
		14	610.0	18616.50	19547.00
		16	620.0	18616.50	19547.00
		18	918.0	18616.50	19547.00
		20	937.0	18616.50	19547.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

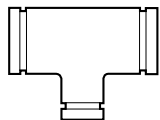
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Reducing Tee

NO. 25-C

Refer to publication 23.05



REDUCING TEE

Nominal Size			Weight Each	Price Each	
inches			lb	Tnemec 37-77	Cement Lined
30	x	12	1175.0	+	\$35746.50
		14	1250.0	\$34044.00	35746.50
		16	1437.0	34044.00	35746.50
		18	1450.0	34044.00	35746.50
		20	1462.0	34044.00	35746.50
		24	1475.0	34044.00	35746.50
36	x	12	+	48549.50	50974.00
		14	+	+	+
		16	+	+	+
		18	+	+	+
		20	+	+	+
		24	+	48549.50	50974.00
		30	+	48549.50	50974.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

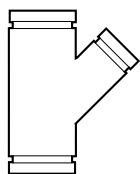
+ Quoted on application. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

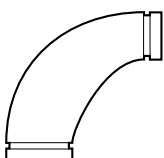
Products for AWWA Grooved End Ductile Iron Pipe

Reducing Fittings

Refer to publication 23.05.



No. 30-CR
Reducing Lateral



No. 100-CR
90° Long Radius Reducing Elbow

REDUCING FITTINGS – REDUCING LATERAL OR 90° LONG RADIUS REDUCING ELBOW

Nominal Size			Reducing Lateral No. 30-CR			90° Long Radius Reducing Elbow No. 100-CR †		
inches			Wgt. Ea. lb	Price Each		Wgt. Ea. lb	Price Each	
				Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
4	x	3	45.0	\$1503.00	\$1636.00	+	+	+
6	x	3	74.0	2555.50	2647.50	+	+	+
		4	80.0	2555.50	2647.50	+	+	+
8	x	4	125.0	3785.00	3922.50	+	+	+
		6	140.0	3785.00	3922.50	+	+	+
10	x	4	204.0	+	+	+	+	+
		6	212.0	4837.00	5165.50	+	+	+
		8	236.0	+	5165.50	+	+	+
12	x	4	290.0	+	10057.50	+	+	+
		6	302.0	9706.00	10057.50	+	+	+
		8	324.0	9706.00	10057.50	+	+	+
		10	356.0	9706.00	10057.50	+	+	+
14	x	6	330.0	10240.50	10638.00	+	+	+
		8	346.0	10240.50	10638.00	+	+	+
		10	540.0	+	+	+	+	+
		12	625.0	+	+	+	+	+
16	x	6	570.0	+	+	+	+	+
		8	585.0	+	+	+	+	+
		10	630.0	+	+	+	+	+
		12	650.0	+	+	+	+	+
		14	692.0	+	+	+	+	+
18	x	6	+	+	+	+	+	+
		8	+	+	+	+	+	+
		10	765.0	+	+	+	+	+
		12	800.0	+	+	+	+	+
		14	865.0	+	+	+	+	+
		16	895.0	+	+	+	+	+
20	x	6	+	+	+	+	+	+
		8	+	+	+	+	+	+
		10	+	+	+	+	+	+
		12	1000.0	+	+	+	+	+
		14	1062.0	+	+	+	+	+
		16	1105.0	+	+	+	+	+
		18	1150.0	+	+	+	+	+
24	x	6	+	+	+	+	+	+
		8	+	+	+	+	+	+
		10	+	+	+	+	+	+
		12	+	+	+	+	+	+
		14	1510.0	+	+	+	+	+
		16	1580.0	+	+	+	+	+
		18	910.2	+	+	+	+	+
		20	1705.0	+	+	+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

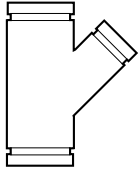
† Long radius reducing base 90° elbows are available. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

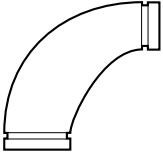
Products for AWWA Grooved End Ductile Iron Pipe

Reducing Fittings

Refer to publication 23.05.



No. 30-CR
Reducing Lateral



No. 100-CR
90° Long Radius Reducing Elbow

REDUCING FITTINGS – REDUCING LATERAL OR 90° LONG RADIUS REDUCING ELBOW

Nominal Size			Reducing Lateral No. 30-CR			90° Long Radius Reducing Elbow No. 100-CR †		
inches			Wgt. Ea. lb	Price Each		Wgt. Ea. lb	Price Each	
				Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
30	x	12	1175.0	+	+	+	+	+
		14	1250.0	+	+	+	+	+
		16	1437.0	+	+	+	+	+
		18	1450.0	+	+	+	+	+
		20	1462.0	+	+	+	+	+
		24	1475.0	+	+	+	+	+
36	x	12	+	+	+	+	+	+
		14	+	+	+	+	+	+
		16	+	+	+	+	+	+
		18	+	+	+	+	+	+
		20	+	+	+	+	+	+
		24	+	+	+	+	+	+
		30	+	+	+	+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

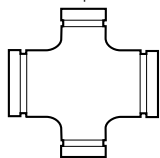
† Long radius reducing base 90° elbows are available. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Reducing Fittings

Refer to publication 23.05.



No. 35-CR
Reducing Cross

REDUCING FITTINGS – REDUCING CROSS

Nominal Size			Reducing Cross No. 35-CR		
inches			Wgt. Ea. lb	Price Each	
				Tnemec 37-77	Cement Lined
4	x	3	22.0	+	+
6	x	3	46.0	+	+
		4	38.0	+	+
8	x	4	76.0	+	+
		6	59.0	+	+
10	x	4	120.0	+	+
		6	114.0	+	+
		8	123.0	+	+
12	x	4	174.0	+	+
		6	130.0	+	+
		8	139.0	+	+
		10	154.0	+	+
14	x	6	215.0	+	+
		8	221.0	+	+
		10	235.0	+	+
		12	244.0	+	+
16	x	6	266.0	+	+
		8	276.0	+	+
		10	291.0	+	+
		12	305.0	+	+
		14	280.0	+	+
18	x	6	+	+	+
		8	272.0	+	+
		10	277.0	+	+
		12	291.0	+	+
		14	361.0	+	+
		16	367.0	+	+

Nominal Size		Reducing Cross No. 35-CR		
inches		Wgt. Ea. lb	Price Each	
			Tnemec 37-77	Cement Lined
20	x 6	+	+	+
	8	343.0	+	+
	10	343.0	+	+
	12	357.0	+	+
	14	327.0	+	+
	16	458.0	+	+
	18	469.0	+	+
24	x 6	+	+	+
	8	+	+	+
	10	+	+	+
	12	475.0	+	+
	14	450.0	+	+
	16	446.0	+	+
	18	782.0	+	+
	20	788.0	+	+
30	x 12	888.0	+	+
	14	853.0	+	+
	16	843.0	+	+
	18	839.0	+	+
	20	835.0	+	+
	24	1304.0	+	+
36	x 12	1262.0	+	+
	14	1222.0	+	+
	16	1213.0	+	+
	18	1204.0	+	+
	20	1190.0	+	+
	24	1163.0	+	+
	30	1865.0	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

NOTE: Non standard reducing crosses are available. Contact Victaulic for pricing and availability.

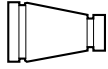
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Concentric Reducer

NO. 50-C

Refer to publication 23.05



CONCENTRIC REDUCER

Nominal Size			Weight Each	Price Each	
inches			lb	Tnemec 37-77	Cement Lined
4	x	3	10.0	\$804.50	\$842.50
6	x	3	15.0	1167.50	1208.00
		4	16.5	1167.50	1208.00
8	x	3	33.0	+	+
		4	28.0	1445.50	1520.50
		6	34.0	1445.50	1520.50
10	x	4	42.0	2183.50	2298.00
		6	46.0	2183.50	2298.00
		8	50.0	2183.50	2298.00
12	x	4	66.8	3185.00	3349.50
		6	70.0	3185.00	3349.50
		8	74.0	3185.00	3349.50
		10	84.0	3185.00	3349.50
14	x	6	89.0	3129.00	3284.50
		8	102.0	3129.00	3284.50
		10	112.0	3129.00	3284.50
		12	126.0	3129.00	3284.50
16	x	6	+	+	+
		8	122.0	4994.50	5223.50
		10	135.0	4994.50	5223.50
		12	146.0	4994.50	5223.50
		14	173.0	4994.50	5223.50
18	x	6	+	+	+
		8	148.0	+	+
		10	158.0	6564.00	6891.50
		12	173.0	6564.00	6891.50
		14	200.0	6564.00	6891.50
		16	220.0	6564.00	6891.50
20	x	6	+	+	+
		8	173.0	8028.50	8427.00
		10	182.0	8028.50	8427.00
		12	201.0	8028.50	8427.00
		14	230.0	8028.50	8427.00
		16	251.0	8028.50	8427.00
		18	275.0	8028.50	8427.00
		24	x	6	+
8	257.0	+		+	
10	274.0	+		+	
12	293.0	11854.00		12447.00	
14	331.0	11854.00		12447.00	
16	358.0	11854.00		12447.00	
18	386.0	11854.00		12447.00	
20	418.0	11854.00		12447.00	

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

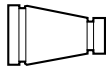
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Concentric Reducer

NO. 50-C

Refer to publication 23.05



CONCENTRIC REDUCER

Nominal Size		Weight Each	Price Each	
inches		lb	Tnemec 37-77	Cement Lined
30	x 18	+	+	+
	20	693.0	\$15609.00	\$16390.50
	24	770.0	15609.00	16390.50
36	x 20	1280.0	23262.00	24784.00
	24	1370.0	23262.00	24784.00
	30	1450.0	23262.00	24784.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

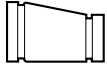
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Eccentric Reducer

NO. 51-C

Refer to publication 23.05.



ECCENTRIC REDUCER

Nominal Size			Weight Each	Price Each	
inches			lb	Tnemec 37-77	Cement Lined
4	x	3	12.0	\$995.50	\$1049.50
6	x	3	20.0	1238.50	1301.50
		4	25.0	1238.50	1301.50
8	x	4	35.0	1794.50	1886.00
		6	44.0	1794.50	1886.00
10	x	4	54.0	2722.50	2863.50
		6	60.0	2722.50	2863.50
		8	70.0	2722.50	2863.50
12	x	4	82.0	3961.00	4159.50
		6	84.0	3961.00	4159.50
		8	91.0	3961.00	4159.50
		10	110.0	3961.00	4159.50
14	x	6	104.0	+	+
		8	121.0	+	+
		10	135.0	4179.50	4333.50
		12	150.0	4179.50	4333.50
16	x	6	140.0	+	+
		8	160.0	+	+
		10	168.0	4787.00	4998.00
		12	190.0	4787.00	4998.00
		14	210.0	+	+
18	x	8	180.0	+	+
		10	215.0	+	+
		12	215.0	+	+
		14	230.0	+	+
		16	275.0	+	+
20	x	10	215.0	+	+
		12	250.0	+	+
		14	270.0	8030.00	8427.00
		16	300.0	8030.00	8427.00
		18	320.0	+	+
24	x	12	395.0	+	+
		14	425.0	+	+
		16	455.0	+	+
		18	465.0	12496.50	13064.00
		20	525.0	+	+
30	x	18	+	+	+
		20	+	+	+
		24	+	15609.00	16390.50
36	x	20	+	+	+
		24	+	+	+
		30	+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

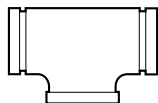
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Bullhead Tee

NO. 21-C

Refer to publication 23.05.



No. 21-C

BULLHEAD TEE

Nominal Size					Weight Each	Price Each	
inches					lb	Tnemec 37-77	Cement Lined
4	x	4	x	6	65.0	+	+
6	x	6	x	8	100.0	+	+
8	x	8	x	10	185.0	+	+
10	x	10	x	12	250.0	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

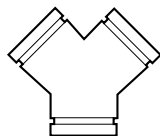
+ Quoted on application. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

True Wye

NO. 33-C

Refer to publication 23.05.



No. 33-C

TRUE WYE

Nominal Size		Weight Each	Price Each	
inches		lb	Tnemec 37-77	Cement Lined
3		25.0	+	+
4		55.0	+	+
6		90.0	+	+
8		140.0	+	+
10		220.0	+	+
12		315.0	+	+
14		+	+	+
16		+	+	+
18		+	+	+
20		+	+	+
24		+	+	+
30		+	+	+
36		+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

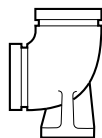
+ Quoted on application. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

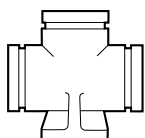
Products for AWWA Grooved End Ductile Iron Pipe

Base Fittings

Refer to publication 23.05.



No. 10-CB
90° Base Elbow



No. 20-CB
Base Tee

BASE FITTINGS – 90° BASE ELBOW OR BASE TEE

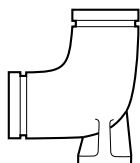
Nom. Size	90° Base Elbow No. 10-CB			Base Tee No. 20-CB		
	Weight Each lb	Price Each		Weight Each lb	Price Each	
		Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
3	19.0	\$3247.50	\$3406.50	19.0	+	+
4	23.6	976.00	1023.50	26.0	+	+
6	42.0	1653.00	1734.50	50.0	+	+
8	75.0	2183.00	2291.00	92.0	+	+
10	114.0	3502.50	3679.50	115.0	+	+
12	152.0	5032.00	5282.50	181.0	+	+
14	295.0	5661.00	5943.50	293.0	+	+
16	312.0	7004.50	7449.50	338.0	+	+
18	451.0	8331.00	8747.00	489.0	+	+
20	557.0	11339.00	11906.50	632.0	+	+
24	875.0	16119.00	16720.50	895.0	+	+
30	+	+	+	+	+	+
36	+	+	+	+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Side base fittings are available. Contact Victaulic for pricing and availability.



No. 100-CB
90° Base Long Radius Elbow

BASE FITTINGS – 90° BASE LONG RADIUS ELBOW

Nom. Size	90° Base Long Rad. Elbow No. 100-CB		
	Weight Each lb	Price Each	
		Tnemec 37-77	Cement Lined
3	25.0	+	+
4	40.0	\$4039.50	\$4427.50
6	76.0	6215.50	6488.00
8	141.0	9514.00	10012.50
10	206.0	13679.50	15045.50
12	310.0	14466.50	15225.00
14	340.0	15263.00	15873.50
16	425.0	17552.00	+
18	591.0	16905.00	17794.00
20	717.0	20798.50	21894.00
24	1056.0	26946.00	28365.50
30	+	+	+
36	+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

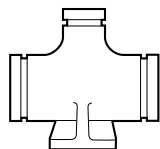
Side base fittings are available. Contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Reducing Base Tees

NO. 25-CB

Refer to publication 23.05.



No. 25-CB

REDUCING BASE TEES

Nominal Size			Wgt. Ea.	Price Each	
inches			lb	Tnemec 37-77	Cement Lined
4	x	3	60.0	\$4420.50	\$4652.50
6	x	3	91.0	+	+
		4	90.0	4698.00	4944.00
8	x	4	162.0	7178.50	7555.50
		6	163.0	7178.50	7555.50
10	x	4	225.0	8415.00	9296.50
		6	231.0	8415.00	9296.50
		8	231.0	8415.00	9296.50
12	x	4	312.0	10957.50	11447.00
		6	313.0	10957.50	11447.00
		8	318.0	10957.50	11447.00
		10	358.0	10957.50	11447.00
14	x	6	+	+	+
		8	+	+	+
		10	+	+	+
		12	+	+	+
16	x	6	+	+	+
		8	+	+	+
		10	+	+	+
		12	+	+	+
		14	+	+	+
18	x	6	+	+	+
		8	+	+	+
		10	+	+	+
		12	+	+	+
		14	+	+	+
		16	+	+	+

Nominal Size			Wgt. Ea.	Price Each	
inches			lb	Tnemec 37-77	Cement Lined
20	x	6	+	+	+
		8	+	+	+
		10	+	+	+
		12	+	+	+
		14	+	+	+
		16	+	+	+
		18	+	+	+
24	x	6	+	+	+
		8	+	+	+
		10	+	+	+
		12	+	+	+
		14	+	+	+
		16	+	+	+
		18	+	+	+
		20	+	+	+
30	x	12	+	+	+
		14	+	+	+
		16	+	+	+
		18	+	+	+
		20	+	+	+
		24	+	+	+
36	x	12	+	+	+
		14	+	+	+
		16	+	+	+
		18	+	+	+
		20	+	+	+
		24	+	+	+
		30	+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

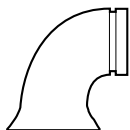
If domestic manufactured fittings are required, contact Victaulic for pricing and availability.

Side base fittings are available. Contact Victaulic for pricing and availability.

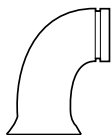
Products for AWWA Grooved End Ductile Iron Pipe

Flares and Outlets

Refer to publication 23.05.



No. 10-CF 90° Flare



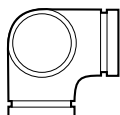
No. 100-CF 90° Long Radius Flare

FLARES – 90° FLARE OR 90° LONG RADIUS FLARE

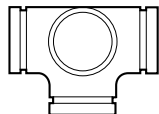
Nominal Size	90° Flare No. 10-CF			90° Long Rad. Flare No. 100-CF		
	Weight Each lb	Price Each		Weight Each lb	Price Each	
inches		Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
3	18.0	+	+	23.0	+	+
4	35.0	+	+	42.0	+	+
6	70.0	+	+	68.0	+	+
8	120.0	+	+	118.0	+	+
10	157.0	+	+	188.0	+	+
12	190.0	+	+	275.0	+	+
14	235.0	+	+	325.0	+	+
18	391.0	+	+	571.0	+	+
20	496.0	+	+	731.0	+	+
24	808.0	+	+	1642.0	+	+
30	+	+	+	+	+	+
36	+	+	+	+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.



No. 10-CS 90° Side Outlet



No. 20-CS Tee Side Outlet

FLARES AND OUTLETS – 90° SIDE OUTLET OR TEE SIDE OUTLET

Nom. Size	90° Side Outlet No. 10-CS †			Tee Side Outlet No. 20-CS †		
	Weight Each lb	Price Each		Weight Each lb	Price Each	
inches		Tnemec 37-77	Cement Lined		Tnemec 37-77	Cement Lined
3	13.0	+	+	28.0	+	+
4	30.0	+	+	42.0	+	+
6	58.0	+	+	85.0	+	+
8	90.0	+	+	114.0	+	+
10	124.0	+	+	219.0	+	+
12	170.0	+	+	295.0	+	+
14	+	+	+	+	+	+
16	+	+	+	+	+	+
18	+	+	+	+	+	+
20	+	+	+	+	+	+
24	+	+	+	+	+	+
30	+	+	+	+	+	+
36	+	+	+	+	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

† Reducing side outlet tees and reducing 90° side outlets are available. Contact Victaulic for pricing and availability.

+ Quoted on application. Contact Victaulic for pricing and availability.

Products for AWWA Grooved End Ductile Iron Pipe

Flares and Outlets

Refer to publication 23.05.



No. 43-CF Straight Flare

STRAIGHT FLARE

Nom. Size			Straight Flare - No. 43-CF	
inches		Weight Each lb	Price Each	
			Tnemec 37-77	Cement Lined
3	x 8	13.0	+	+
4	x 8	17.0	+	+
6	x 8	23.0	+	+
8	x 10	43.0	+	+
10	x 10	58.0	+	+
12	x 12	100.0	+	+
14	x 12	90.0	+	+
16	x 16	145.0	+	+
18	x 16	205.0	+	+
20	x 18	221.0	+	+
24	x 18	293.0	+	+
30	x 24	567.0	+	+
36	x 24	736.0	+	+

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

+ Quoted on application. Contact Victaulic for pricing and availability.

Mechanical-T Spigot

STYLE 926

For use with AWWA C151 Size Pipe

Refer to publication 11.07



Nominal Size inches			Approx. Wgt. Ea. lb	COMPLETE <i>MECHANICAL-T</i> Spigot		SPARE PARTS	
Host Pipe x Outlet				Price Each		O-Ring Grade “T”	U-Bolts/Nuts
				Unlined	Rubber Lined †	Price Each	Price per Set •
10	x	4	30.0	\$1157.00	\$1839.00	\$101.00 ^{NR}	\$117.00
12	x	4	33.0	1322.50	1994.50	101.00 ^{NR}	117.00
14	x	4	35.0	1488.00	2151.00	101.00 ^{NR}	117.00
16	x	4	36.0	1817.50	2325.00	101.00 ^{NR}	117.00
		6	44.0	1983.00	2664.50	134.00 ^{NR}	117.00
18	x	4	37.0	2064.50	2622.00	101.00 ^{NR}	117.00
		6	46.0	2271.50	2994.00	134.00 ^{NR}	117.00
20	x	4	39.0	2395.50	2953.00	101.00 ^{NR}	117.00
		6	47.0	2643.50	3390.00	134.00 ^{NR}	117.00
24	x	4	41.0	2890.50	3365.00	101.00 ^{NR}	117.00
		6	49.0	3262.00	3859.50	134.00 ^{NR}	117.00
30	x	4	46.0	3592.00	4107.00	101.00 ^{NR}	117.00
		6	54.0	4582.00	5057.50	134.00 ^{NR}	117.00
36	x	6	58.0	5283.50	6047.00	134.00 ^{NR}	117.00

* Set consists of one 6, 8, or 10" U-bolt, two washers and two hex nuts.

† Standard rubber lining – 1/4" thick, 40 durometer natural rubber lining. Other materials or thicknesses quoted upon request.

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

^{NR} Non-returnable

Pipe Preparation Tools



Pipe Preparation Tools

Cut Grooving Tools

Notice: When ordering a cut grooving tool, please specify standard steel or ductile iron (rigid or flexible).

VG28GD (Gear Drive) *



Includes tool set installed for grooving 4 – 6”/DN100 – DN150 standard steel pipe, crate, operating instructions, tool bit removal kit, 10”/DN250 extension bar, depth stop adjustment tools and one extra 2 – 3½”/DN50 – DN90 and 8”/DN200 mm standard groove steel pipe tool bits.

Capacities: 2 – 8”/DN50 – DN200 steel (and other IPS) and 3 – 6”/DN80 – DN150 cast and ductile iron pipe (Additional bits required)

Tool Model	Part Number	Tool Weight/ Shipping Weight lb	Rental Per Month	Tool List Price
VG28GD (Gear Drive)	R000281AVG	37/56	\$3970.50	\$35764.00

NOTE: Victaulic Cut Grooving Tools require an external power drive (see Power Mule II in Pipe Preparation Tool Accessories).

For tool rating capacity please reference publication 24.01.

VG28GD PARTS

Type Pipe	Type Groove	Pipe Size/ Tool Bit Marking inches mm	Part Number	Purchase Price Each
AWWA # Cast and Ductile Iron	Standard (Rigid)	3 – 6/80 – 150 CIR *	RK03280G06	\$1210.00
	Flexible	3 – 6/80 – 150 CIF	RK03280E06	1210.00

Carbide Tipped Tool Bits supplied for grooving cast and ductile pipe have one edge **not** suitable for resharpening.

* Requires Special Cast Iron Rigid Pipe Stops (Part No. R-016-280-AVG [2 required]).

NOTE: Special urethane covered Idler Roll (Part No. R-033-281-AVG) recommended for grooving glass lined pipe.

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Thoroughly Read and Understand All Operating and Maintenance Instructions Before Attempting to Use any Victaulic Pipe Preparation Tools.

Pipe Preparation Tools

VG824 *



Includes tool set installed for grooving 8 – 12"/DN200 – DN300 standard steel pipe, crate, operating instructions, tool bit removal kit, wrench and one extra 8 – 24"/DN200 – DN600 standard groove steel pipe tool bit.

Capacities: 8 – 24"/DN200 – DN600 steel (and other IPS) and 8 – 24"/DN200 – DN600 cast and ductile pipe (Additional bits required)

Note: Tools bits and stops for D.I. are optional. See below.

Tool Model	Part Number	Tool Weight/ Shipping Weight lb	Rental Per Month	Tool List Price
VG824	R000824AVG	82/135	\$5498.50	\$66596.50

NOTE: Victaulic Cut Grooving Tools require an external power drive (see Power Mule II in Pipe Preparation Tool Accessories).

For tool rating capacity please reference publication 24.01.

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

VG824 PARTS

Type Pipe	Type Groove	Tool Bit			Pipe Stop		
		Pipe/Size Marking inches I mm	Part Number	Purchase Price Each	Pipe/Size Marking inches I mm	Part Number	Purchase Price Each
AWWA # Cast and Ductile Iron	Standard (Rigid)	8/200 CIR	RK08824G08	\$736.50	8/200 CI	R524824AVG	\$1299.00
		10 – 12/250 – 300 CIR	RK10824G12	736.50	10 – 12/250 – 300 CI	R024824AVG	1299.00
		14/350 CIR	RK14824G14	736.50	14/350 CI	R224824AVG	1299.00
		16 – 24/400 – 600 CIR	RK16824G24	736.50	16 – 24/400 – 600 CI	R324824AVG	1299.00
	Flexible	8 – 12/200 – 300 CIF	RK08824E12	736.50	8/200 CI	R524824AVG	1299.00
		14 – 24/250 – 600 CIF	RK14824E24	736.50	10 – 12/250 – 300 CI	R024824AVG	1299.00

Carbide Tipped Tool Bits supplied for grooving cast and ductile pipe have one edge **not** suitable for resharpening.

NOTE: Special urethane covered Idler Roll (Part No. R-201-824-AVG) recommended for grooving glass lined pipe. Center adjustable stop (Part. No. R-025-824-AVG) available.

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Thoroughly Read and Understand All Operating and Maintenance Instructions Before Attempting to Use any Victaulic Pipe Preparation Tools.

Pipe Preparation Tools

VG412 Orbital Grooving Tool



Includes riser blocks and grooving heads for cut grooving 4 – 12"/100 – 300 mm ductile iron rigid groove. Power drive supplied requires 120 volt, 11.5 amp electrical supply. Stand included at no extra charge.

Capacities: 4 – 12"/100 – 300 mm ductile iron pipe

Note: Tools bits and stops for steel are optional. See below.

Tool Model	Part Number	Tool Weight/ Shipping Weight lb	Rental Per Month	List Price
VG412 Orbital Grooving Tool	R000412AVG	270/365	\$5946.50	\$78521.50
IPS Steel kit for cutting and grooving* (recommended only for lined steel pipe)	N003412034	–	–	12975.50
Optional flexible spacer blocks: 4 – 6" /DN100 – DN150	N220412667	–	–	463.50
8" /DN200	N220412668	–	–	499.50
10 – 12" /DN250 – DN300	N220412669	–	–	516.50

For tool rating capacity please reference publication 24.01.

^{NR} **Non-returnable**

VG412 PARTS

Type Pipe	Knife Style	Pipe Size Tool Bit Marking inches I mm	Part Number	Purchase Price Each
AWWA Cast and Ductile Iron #	Straight	4 – 6/100 – 150	N220412680	\$809.00 ^{NR}
	Angled	4 – 6/100 – 150	N220412568	809.00 ^{NR}
	Straight	8 – 12/200 – 300	N220412679	809.00 ^{NR}
	Angled	8 – 12/200 – 300	N220412569	809.00 ^{NR}
	Solid Cut-Off Blade		N275412055	252.00 ^{NR}
Steel (and other IPS Metallic)	Straight	4 – 6/100 – 150	N220412678	634.00
	Angled	4 – 6/100 – 150	N220412571	634.00
	Angled	8/200	N220412572	634.00
	Straight	8/200	N220412677	634.00
	Angled	10 – 12/250 – 300	N220412570	634.00
	Straight	10 – 12/250 – 300	N220412676	634.00
	Solid Cut-Off Blade 1 of 2		N220412809	277.50
	Solid Cut-Off Blade 2 of 2		N220412808	277.50

Carbide Tipped Tool Bits supplied for grooving cast and ductile pipe have one edge **not** suitable for resharpening.

^{NR} **Non-returnable**

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Thoroughly Read and Understand All Operating and Maintenance Instructions Before Attempting to Use any Victaulic Pipe Preparation Tools.

Pipe Preparation Tools

VG



Vic-Groovers are designed to cut grooving a single size on standard size steel pipe. Vic-Groovers are supplied with an extra tool bit and ratchet handle. 2"/50 mm and larger tools include a power yoke. Power yoke is available for 3/4"/20 mm and 1"/25 mm (Part No. R0240030VG). 1 1/4"/32 mm and 1 1/2"/40 mm (Part No. R0240050VG) tools at **\$379.50** additional.

NOTE: Vic-Groovers not recommended for use with a hand-held power drive.

Size	VG Tool for Cast Pipe (Gray and Ductile)				
inches mm	Style	OD	Weight	Part Number	Price Each
3/80	Rigid	3.960	20.0	R00R015CVG	\$7453.50
3/80	Flexible	3.960	20.0	R00F015CVG	7453.50
4/100	Rigid	4.800	26.0	R00R019CVG	7453.50
4/100	Flexible	4.800	26.0	R00F019CVG	7453.50
6/150	Rigid	6.900	27.0	R00R027CVG	7453.50
6/150	Flexible	6.900	27.0	R00F027CVG	7453.50
8/200	Rigid	9.050	40.0	R00R036CVG	11740.50
8/200	Flexible	9.050	40.0	R00F036CVG	11740.50

For tool rating capacity please reference publication 24.01.

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Power Mule II
(External Power Source)



Electrical motor, gear driven, 2 hp power source for all Victaulic cut grooving tools with 1"/25 mm drive connection, integral safety foot switch and reversible motor (requires 115/1/60-20 amp circuit*).

Capacities: Victaulic grooving tools as noted.

* 220V optional

Tool Model	Part Number	Tool Weight/ Shipping Weight lb	Rental Per Month	Tool List Price
Power Mule II (External Power Source) – 110V	R200700MUL	190/205	\$5346.00	\$35751.50

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

Thoroughly Read and Understand All Operating and Maintenance Instructions Before Attempting to Use any Victaulic Pipe Preparation Tools.

Pipe Preparation Tools

PT100A Go/No-Go Grooved Pipe Diameter Tape



Pocket-sized steel tapes are available for taking circumferential measurements on pipe sizes $\frac{3}{4}$ – 24"/20 – 600 mm. This diameter tape contains Go/No-Go markings on one side for use with ANSI B36.19 and many ISO-4200 pipe sizes, and diameter markings to 100th of an inch on the other side. Tapes are notched on the lead end to allow proper overlap within the groove for more accurate measurement.

Tool Model	Part Number	Purchase Price
PT-100-A Imperial Go/No-Go Grooved Pipe Diameter Tape Each	RW75-100-MCH	\$135.00
Box of 6	RW75-100-KIT	730.00

NOTE: Items listed in shaded areas are non-cancellable and non-returnable.

NOTICE

- Tape contains Go/No-Go markings on one side for use with $\frac{3}{4}$ – 24"/20 – 600 mm pipe in ANSI B36.19 and many ISO-4200 sizes and is marked in 1/100th of an inch increments on the other side.
- The Go/No-Go side can be used to check cut or roll grooved pipe conformance to Victaulic original and Machined for Rubber Lining (MRL) ($\frac{3}{4}$ – 12"/20 – 300 mm) and Advanced Groove System (AGS) (14 – 24"/350 – 600 mm) groove diameter specifications.
- Tapes are notched on the lead end to allow proper overlap within the groove for more accurate measurement.
- The Go/No-Go side of the tape is not intended for use on sizes 76.1; 139.7; 165.1; 165.2; 216.3; 267.4; and 318.5 mm steel or stainless steel pipe sizes.
- For cast or ductile iron pipe sizes (up to 20"), copper tube sizes, and the steel and stainless steel pipe sizes listed above, use the side of the tape marked in 0.01"/0.25 mm increments.
- The Go/No-Go pipe tape is a quick reference guide only. To ensure proper grooving dimensions, always refer to the I-100 Victaulic Field Installation Handbook or to the latest groove specifications publications located on www.victaulic.com.

Thoroughly Read and Understand All Operating and Maintenance Instructions Before Attempting to Use any Victaulic Pipe Preparation Tools.

Pipe Preparation Tools

TERMS AND CONDITIONS OF TOOL RENTAL

1. Lessor rents to Lessee and Lessee leases from Lessor the tool(s) and accessories listed on the reverse side hereof, which are designed for use in the preparation of pipe to receive Victaulic products, hereinafter called the leased property; for the term specified, commencing when the leased property is delivered to carrier for delivery to Lessee.
2. **Rental Rate.** Lessee agrees to pay rent at the rates specified on this agreement. The rental shall be due and payable at the end of each month during the term of the lease. Terms of payment: net 30 days from date of invoice. If lease is terminated any time during the initial month, the rental shall be payable at the then current published monthly rental rate. If lease is terminated any time during a subsequent month, the rental will be prorated. (This agreement is valid for one (1) year, at the time of signing. It will be automatically renewed with price in effect at the time of renewal until the signee terminates the agreement.)
3. **On-Account Payment.** Lessee, on executing the agreement, has made an on-account payment to Lessor which shall be returned to Lessee upon termination of the lease, or applied to any open invoices on the Lessee's account, provided Lessee is not in default under any of the term of the lease and has returned leased property in good condition, less ordinary wear and tear.
4. **Freight.** Outbound: F.O.B. Shipping Point (Our Option) – Freight Collect. Return: Lessee shall pay all shipping charges for return of the leased property.
5. **Use.** All leased property is for the exclusive use of Lessee only, and may not be assigned, transferred, sublet or loaned to or used by any other party, without prior written consent of the Lessor.
6. **Ownership.** The property leased is and shall at all times remain the sole property of the Lessor, and Lessee shall have no right, title or interest therein except as expressly set forth in this Lease.
7. **Taxes.** Lessee shall pay all taxes, assessments, license and registration fees levied on the leased property while in the Lessee's possession and Lessee shall keep the leased property free and clear of all liens and encumbrances. Lessee shall pay all sales taxes invoiced by Victaulic Company unless the lessee provides the lessor with a valid sales tax exemption certificate for the state where the tool is delivered.
8. **Access.** Lessor shall at all times have free access to the leased property and to the premises on which located, for the purpose of examining the leased property.
9. **Return of Property.** Lessee shall return all leased property, properly crated, freight prepaid, and insured for its market value to Lessor at one of the locations indicated on the back cover. If Lessee fails to return the leased property upon termination, Lessee shall pay rent at the then current monthly rental rate until returned, and Lessor shall also have the right to remove the leased property from Lessee's premises, without recourse to any legal proceedings.
10. **Repairs and Servicing.** If leased property, excluding Tool Bits, becomes worn or unserviceable from normal recommended use, Lessor will supply replacement tools and/or parts, without cost, upon return of the leased property to Lessor.
11. **Damage or Loss.** If leased property is damaged by reason of other than normal recommended use, Lessee shall indemnify Lessor for the cost of repairs. If leased property is not returned to Lessor in accordance with the terms of this Agreement for any cause or reason whatsoever, including, without limiting the generality of the foregoing, loss, theft, damage, accident, neglect, abuse or destruction, by fire or otherwise, whether due to Lessee's fault or not, Lessee shall pay to Lessor as liquidated damages an amount to be determined by Lessor not to exceed the list price of all leased property, as published in the most current Victaulic price list for Pipe Preparation tools.
12. **Indemnity.** Lessee assumes full responsibility for the operation of the leased property and shall indemnify, protect, save and keep harmless the Lessor, its agents and servants from and against all losses, damages, penalties, claims, actions, suits, costs, expenses and disbursements, including legal expenses of whatsoever kind in nature imposed upon, incurred by, or asserted against the Lessor in any way relating to or arising out of this Lease or of the Lessee's delivery, possession, use, operation or return of the leased property. The indemnities contained in this paragraph shall continue in full force and effect, notwithstanding the termination of this Lease.
13. **Lessor's remedies on default.** If the Lessee, with regard to any item or items of property, fails to pay any rent or other amount herein provided when the same shall become due and payable, or if the Lessee, with regard to any item or items of leased property, fails to observe, keep or perform any other provisions of this lease required to be observed, kept, or performed by the Lessee, or if any execution or other writ or process shall be issued in any action or proceeding against the Lessee, whereby the said leased property may be taken, the Lessor shall have the right to exercise any one or more of the following remedies:
 - (a) To declare the entire amount of rent hereunder immediately due and payable as to any or all items of leased property, without notice or demand to the Lessee.
 - (b) To sue for and recover all rents, and other payments, then accrued or thereafter accruing, with respect to any or all items of leased property.
 - (c) To take possession of any or all items of leased property without demand or notice, wherever the same shall be located, without any court order or other process of law. The Lessee hereby waives any and all damage occasioned by such taking of possession. Any said taking of possession shall not constitute a termination of this lease as to any or all items of leased property unless the Lessor expressly so notifies the Lessee in writing.
 - (d) To terminate this lease as to any or all items of leased property.
 - (e) To pursue any other remedy at law or in equity.Notwithstanding any such repossession or any other action, which the Lessor may take, the Lessee shall be and remain liable for the full performance of all obligations on its part to be performed under this lease; provided however, that if the Lessor is able to obtain any monies for said leased property from re-rental or sale thereof, which the Lessor specifically is not in any manner obligated to do, said monies, less expenses, shall be credited to the last payments of the Lessee's obligation. Waiver of any default herein is not a waiver of any subsequent default. All such remedies are cumulative and may be exercised concurrently or separately.
14. **Bankruptcy.** Neither this lease nor any interest therein is assignable or transferable by operation of law. If any proceeding under the Bankruptcy Act, as amended, is commenced by or against the Lessee, or if the Lessee is adjudged insolvent, or if the Lessee makes any assignment for the benefit of his creditors, or if a writ of attachment or execution is levied on any item or items of leased property and is not released or satisfied within 10 days thereafter, or if a receiver is appointed in any proceeding or action, to which the Lessee is a party, with authority to take possession or control of any item or items of the leased property, the Lessor shall have any may exercise any one or more of the remedies set forth in Paragraph 13 hereof; and this lease shall, at the option of the Lessor, without notice immediately terminate and shall not be treated as an asset of the Lessee after the exercise of said option.
15. **Concurrent Remedies:** The rights and remedies provided in this lease for the benefit of the Lessor shall be cumulative and shall not be exclusive but in addition to any other remedies to which the Lessor may be entitled, the Lessee waives trial by jury in any action or proceeding arising hereunder.
16. **Lessor's expenses:** The Lessee shall pay the Lessor all costs and expenses, including attorney's fees, incurred by the Lessor in exercising any of its rights or remedies hereunder or enforcing any of the terms, conditions, or provisions hereof.
17. **Binding Effect of Lease.** This lease agreement shall inure to the benefit of and be binding upon the parties hereto and their respective heirs, executors, administrators, personal or legal representatives, successors and assigns.
18. **Applicable Law and Severability.** This lease shall be governed by and construed under the laws of the State of Pennsylvania. If any provision herein is invalid, it shall be considered deleted from this lease, and shall not invalidate the remaining provisions of this lease.

Thoroughly Read and Understand All Operating and Maintenance Instructions Before Attempting to Use any Victaulic Pipe Preparation Tools.



Pipe Preparation Tools

TERMS AND CONDITIONS OF TOOL SALE

Controlling Provisions: These terms and conditions shall control with respect to any purchase order or sale of Victaulic products.

No alteration, modification or waiver of these terms and conditions whether on Customer's purchase order or otherwise shall be valid unless the alteration, modification or waive is specifically accepted in writing by an authorized representative of Victaulic.

Prices, Designs and Terms and Conditions of Sale are subject to change without notice.

Terms of Payment: As stated on invoice. Maximum permissible interest rate thereafter.

Shipping Terms: F.O.B. shipping point (our option), freight prepaid and allowed on single orders having a net price value of \$15000 and over, for shipment at one time to one destination within the continental United States, excluding Alaska, Hawaii, Puerto Rico and U.S. possessions.

Shipments beyond the borders of the United States are prepaid and chargeable or collectable to final destination.

The most economical routing to recognized delivery points will be used, at our discretion. If special routing is desired, orders should so state.

Orders are accepted subject to approval of our General Office and Credit Department at Easton, Pennsylvania, and contingent upon **acts of God, war, civil disturbance, strikes, labor difficulties, delays of carriers, inability to obtain materials, accidents or any other cause beyond our control.**

Shipping dates are estimated as closely as possible. We use our best efforts to ship within the time estimated, but cannot guarantee to do so. In the event production or shipment is delayed, we reserve the privilege of changing shipping estimate. **Under no circumstances shall Victaulic be liable for damages of any kind, including but not limited to incidental or consequential damages for lost profits or lost sales or liquidated damages, directly or indirectly arising from delays or failure to meet shipping dates.**

Orders, when accepted, cannot be countermanded without our written consent. No material will be taken back without our written consent. Orders for non-standard material may not be cancelled nor will we accept return of such material for credit.

All material is carefully examined, counted and packed by experienced employees. Claims for corrections must be made within 10 days of receipt of goods. Our responsibility ceases when goods are delivered to carrier in good condition and its receipt obtained. Carriers are responsible for goods lost, damaged or delayed in transit. For your own protection, have transportation company's agent verify damages, shortages or delays and note them on freight bill over his signature.

Weights: All weights are approximate shipping weights and subject to change without notice.

Victaulic Company maintains a continual policy of product improvement and, therefore, reserves the right to change product specifications, designs, and standard equipment without notice and without incurring obligation.

WARRANTY

Standard product warranty applies. See Inside Back Cover.

NOTE: Reconditioned tools shall be warranted 30 days from date of purchase.

Thoroughly Read and Understand All Operating and Maintenance Instructions Before Attempting to Use any Victaulic Pipe Preparation Tools.

1.0 TERMS AND CONDITIONS OF SALE

CONTROLLING PROVISIONS: These terms and conditions shall control with respect to any purchase order or sale of Victaulic products.

No alteration, modification or waiver of these terms and conditions whether on Customer's purchase order or otherwise shall be valid unless the alteration, modification or waiver is specifically accepted in writing by an authorized representative of Victaulic.

Prices, Designs and Terms and Conditions of Sale are subject to change without notice.

TERMS OF PAYMENT: As stated on invoice. Maximum legal interest rate charged thereafter.

MINIMUM INVOICE CHARGES: \$500 net for any single order.

SHIPPING TERMS: F.O.B. shipping point (our option) freight prepaid and allowed on single orders (excluding No. 26/No. W26 Outlet Fittings, No. 826 Steam Outlet Fittings, Series 387 Inline/Series 388 End Suction Pump Skids, Customer Specified Flat Beds, Style W257 Dynamic Movement Joints, Bend Elbows – 3D/5D/6D, Victaulic Bolted Split-Sleeve Products and Victaulic Vortex™ Products) having a net price value of \$15000 and over for shipment at one time to one destination into distributor stock or direct ship to a project, as determined by Victaulic within the continental United States, excluding Alaska, Hawaii, Puerto Rico and U.S. possessions.

Shipping and handling charges on orders less than net price value of \$15000, F.O.B. shipping point (our option) will be paid by the customer. The most economical routing to recognized delivery points will be used, at our discretion. The cost of any special routing, packaging or handling that has been requested by the customer, and is a deviation to our normal handling methods, will be added to the order and paid by the customer.

Shipments beyond the borders of the United States are prepaid and chargeable or collectable to final destination.

Orders are accepted subject to approval of our General Office and Credit Department at Easton, Pennsylvania, and contingent upon **acts of God, war, civil disturbance, strikes, labor difficulties, delays of carriers, inability to obtain materials, accidents or any other cause beyond our control.**

Victaulic will endeavor to ship by the requested ship date, but reserves the right to ship within a reasonable period thereafter. **Under no circumstances shall Victaulic be liable for damages of any kind, including but not limited to incidental or consequential damages for lost profits or lost sales or liquidated damages, directly or indirectly arising from delays or failure to meet shipping dates.**

Orders, when accepted, cannot be cancelled without our written consent. No material will be taken back without our written consent. **Orders for non-standard (i.e. non-cancellable/non-returnable) material may not be cancelled nor will Victaulic accept return of such material for credit. Victaulic reserves the right to change the designation of products from standard to non-standard and vice versa. This may be done at any time without notice, and without incurring obligation. For further information contact Victaulic.**

All material is carefully examined, counted and packed by experienced employees. Claims for corrections must be made within 10 days of receipt of goods to the Customer Care center in Easton, PA (1-800-PICK VIC). We prove our count by weight. Claims for shortages are subject to that test. Our responsibility ceases when goods are delivered to carrier in good condition and its receipt obtained. Carriers are responsible for goods lost, damaged or delayed in transit. For your own protection, have transportation company's agent verify damages, shortages or delays and note them on freight bill over his signature.

WEIGHTS: All weights are approximate shipping weights and subject to change without notice.

Victaulic maintains a continual policy of product improvement and, therefore, reserves the right to change product specifications, designs, and standard equipment without notice and without incurring obligation.

2.0 LIMITED WARRANTY

What is Covered: This warranty covers any defects in materials or workmanship in products sold by Victaulic occurring under normal conditions of use and service with the exceptions stated below.

How Long Coverage Lasts: This warranty runs for one year from the date of delivery to the original buyer.

What is Not Covered: This warranty shall not apply to any product which has been subject to misuse, negligence, or accident (such as, without limitation, exposure to incompatible chemical or corrosive agents including microbial corrosion), which has been repaired or altered in any manner outside of Victaulic's factory, or which has been used in a manner contrary to Victaulic's instructions or recommendations. This warranty shall not apply to any Victaulic products utilizing proprietary grooves (such as, but not limited to, the Victaulic AGS™, IGS™, or PGS-300™ grooves) which have been used on pipe that has been grooved to ANSI/AWWA C-606 standards or which was grooved using tools not supplied by Victaulic or its licensees. Victaulic shall not be responsible for design errors due to inaccurate or incomplete information supplied by Buyer or its representatives.

What Victaulic will do: Victaulic will repair or replace, at its option, any product that proves to be defective in materials or workmanship following an examination by Victaulic that shows to its satisfaction the product was defective in materials or workmanship.

THIS LIMITED WARRANTY IS EXCLUSIVE AND MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S SOLE AND EXCLUSIVE REMEDY SHALL BE FOR THE REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS AS PROVIDED HEREIN. THE BUYER AGREES THAT NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

Victaulic neither assumes nor authorizes any person to assume for it any other liability in connection with the sale of products.

Items purchased by Victaulic and resold will have the original equipment manufacturer's warranty extended to Victaulic customers.

How to Get Service: Contact Victaulic at 610-559-3300 within one year after delivery to the original buyer to arrange for an examination of the product. You will be asked to ship the product to Victaulic's factory, postage and transportation charges prepaid, for examination. There is no charge for examination. Victaulic will examine the product and contact you within a reasonable time regarding the results of that examination and to arrange for repair or replacement of any product determined to be defective in materials or workmanship.

EFFECTIVE JUNE 24, 2022

PRODUCTS FOR GROOVED END PIPE

AWWA PRICE LIST



U.S./World Headquarters

4901 Kesslersville Road
Easton, PA 18040 USA

◀ victauliclocations.com

EMEA

Prijkelstraat 36
9810 Nazareth, Belgium

Asia Pacific

Unit 808, Building B
Hongwell International Plaza
No.1602 West Zhongshan Road
Shanghai, China 200235



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