



AWWA GROOVED PRODUCTS

PRICE LIST

EFFECTIVE SEPTEMBER 12, 2011

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EFFECTIVE: SEPTEMBER 12, 2011
(SUPERSEDES ALL PREVIOUS PRICING)

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General Terms and Conditions

GENERAL	These terms and conditions shall control with respect to any purchase order or sale of Seller's products. No waiver, alteration or modification of these terms and conditions whether on Buyer's purchase order or otherwise shall be valid unless the waiver, alteration or modification is specifically accepted in writing and signed by an authorized representative of Seller.
DELIVERY	Seller will make every effort to complete delivery of products as indicated on Seller's acceptance of an order, but Seller assumes no responsibility or liability, and will accept no backcharge, for loss or damage due to delay or inability to deliver caused by acts of God, war, labor difficulties, accident, delays of carriers, by contractors or suppliers, inability to obtain materials, shortages of fuel and energy, or any other causes of any kind whatsoever beyond the control of Seller. Seller may terminate any contract of sale of its products without liability of any nature, by written notice to Buyer, in the event that the delay in delivery or performance resulting from any of the aforesaid causes shall continue for a period of sixty (60) days. Under no circumstances shall Seller be liable for any special or consequential damages or for loss, damage, or expense (whether or not based on negligence) directly or indirectly arising from delays or failure to give notice of delay.
WARRANTY	Seller warrants for one year from the date of shipment Seller's manufactured products to the extent that Seller will replace those having defects in material or workmanship when used for the purpose and in the manner which Seller recommends. If Seller's examination shall disclose to its satisfaction that the product is defective, and an adjustment is required, the amount of such adjustment shall not exceed the net sales price of the defective products only and no allowance will be made for labor or expense of repairing or replacing defective product or workmanship or damage resulting from the same. No adjustment shall be implemented unless product in question is returned to seller in its originally installed condition, still connected to other components of the joint. Buyer must contact Seller as quickly as possible so Seller can assess product in its installed condition. No claims will be honored unless claim is made within forty five (45) days of the defect being found. Where engineering design or fabrication work is supplied, Buyer's acceptance of Seller's design or of delivery of work shall relieve Seller of all further obligation, other than expressed in Seller's product warranty. THIS IS SELLER'S SOLE WARRANTY. SELLER MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED SELLER'S AFORESTATED OBLIGATION ARE HEREBY DISCLAIMED BY SELLER AND EXCLUDED FROM THIS WARRANTY. Seller neither assumes, nor authorizes any person to assume for it, any other obligation in connection with the sale of its engineering designs or product. This warranty shall not apply to any products or parts of products which (a) have been repaired or altered outside of Seller's factory, in any manner; (b) have been subjected to misuse, negligence or accidents; (c) have been used in a manner contrary to Seller's instructions or recommendations. Seller shall not be responsible for design errors due to inaccurate or incomplete information supplied by Buyer or its representatives. This warranty is non-transferable.
LIABILITY	Seller will not be liable for any loss, damage, cost of repairs, incidental or consequential damages of any kind, whether based upon warranty (except for the obligation accepted by Seller under "Warranty" above), contract or negligence, arising in connection with the design, manufacture, sale, use or repair of the products or of the engineering designs supplied to Buyer.
DISCLAIMER	Per AWWA/ANSI C110 A21.10, the flanged joint is generally specified for above ground service. Underground use of the flanged joint is generally not desirable due to the rigidity of the joint.
RETURNS	Seller cannot accept return of any products unless its written permission has been first obtained, in which case same will be credited subject to the following: (a) All material returned must, on its arrival at Seller's plant, be found to be in first-class condition; if not, cost of putting in saleable condition will be deducted from credit memoranda; (b) A handling charge deduction of twenty-five percent (25%) will be made from all credit memoranda issued for material returned; (c) Transportation charges, if not prepaid will be deducted from credit memoranda.
SHIPMENTS	All products sent out will be carefully examined, counted and packed. The cost of any special packing or special handling caused by Buyer's requirements or requests shall be added to the amount of the order. No claim for shortages will be allowed unless made in writing within ten (10) days of receipt of a shipment. Claims for products damaged or lost in transit should be made on the carrier, as Seller's responsibility ceases, and title passes, on delivery to the carrier.
PRODUCTS	Orders covering special or non-standard products are not subject to cancellation except on such terms as Seller may specify on application.
PRICES	Prices and designs are subject to change without notice. All prices are F.O.B. Point of Shipment, unless otherwise stated.
TAXES	The amount of any sales, excise or other taxes, if any, applicable to the products covered by this order, shall be added to the purchase price and shall be paid by Buyer unless Buyer provides Seller with an exemption certificate acceptable to the taxing authorities.

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TABLE OF CONTENTS

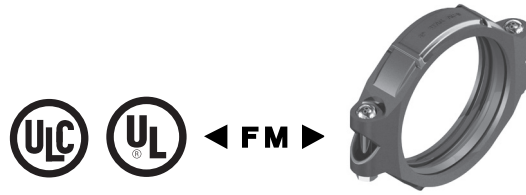
PRODUCTS

	AWWA GROOVED COUPLINGS - AC-9 Standard Coupling & Spare Parts - AC-7 Transition Coupling & Spare Parts Sizes: 3"-36"	pg. 5
	AWWA GROOVED ADAPTERS - AF-4 Flange Adapters & Spare Parts Sizes: 3"-24"	pg. 6
	AWWA GROOVED FITTINGS Sizes: 3"-36"	pg. 7
	GASKET SELECTION	pg. 18
	COATING OPTIONS	pg. 19

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Standard Coupling
Style AC-9 with "S" or "M" FlushSeal Gasket

ITEM CODE	PIPE SIZE ¹ (IN)		COUPLING ² COMPLETE W/ GRADE "S" OR "M" FLUSHSEAL GASKET			SPARE PARTS				
	NOM. SIZE	OUTSIDE DIA.	WEIGHT EACH (LBS)	PRICE EACH		GRADE "S" OR "M" FLUSHSEAL GASKET ONLY PRICE EACH	GRADE "L" SILICONE FLUSHSEAL GASKET ONLY PRICE EACH	PLATED BOLT & NUT		
				RED PRIMED	GALV.			BOLT (QTY)	SIZE (IN)	PRICE EACH
AC90300M	3	3.96	5	\$126.50	\$160.00	\$37.50	\$150.00	2	½ x 2 ¾	\$13.50
AC90400M	4	4.80	7	140.50	187.50	40.50	162.00	2	⅝ x 3 ¼	16.50
AC90600M	6	6.90	8	209.00	272.00	81.50	190.00	2	⅝ x 3 ¼	16.50
AC90800M	8	9.05	16	306.50	417.00	108.50	234.50	2	¾ x 5	25.50
AC91000M	10	11.10	21	406.00	564.00	121.50	271.00	2	¾ x 5	25.50
AC91200M	12	13.20	30	596.00	811.50	143.50	283.50	2	⅞ x 5	34.00
AC91400M	14	15.30	39	779.50	1,071.00	158.00	308.50	4	1 x 3 ½	37.50
AC91600M	16	17.40	63	984.00	1,548.50	206.00	372.00	4	1 x 3 ½	37.50
AC91800M	18	19.50	80	1,227.00	1,781.50	256.50	531.50	4	1 x 3 ½	37.50
AC92000M	20	21.60	86	1,434.50	1,975.00	343.00	624.50	4	1 ⅛ x 4	58.50
AC92400M	24	25.80	103	1,835.00	2,566.00	467.00	687.00	6	1 ⅛ x 4	58.50
AC93000M	30	32.00	165	3,613.50	4,798.50	1,216.00	+	6	1 ⅛ x 4	58.50
AC93600M	36	38.30	200	4,107.50	5,550.00	1,377.50	+	6	1 ⅛ x 4	58.50

¹Sizes 3"-12" are ULC Listed/FM Approved for underground fire protection water supply systems.

²A Coupling less gasket is additional. Contact Star Pipe Products for details.

Transition Coupling
Style AC-7 with "S" or "M" FlushSeal Gasket

ITEM CODE	PIPE SIZE (IN)			COUPLING COMPLETE W/ GRADE "S" OR "M" FLUSHSEAL GASKET			SPARE PARTS			
	NOM. SIZE	MATING PIPE O.D.		WEIGHT EACH (LBS)	PRICE EACH		GRADE "S" OR "M" FLUSHSEAL GASKET ONLY PRICE EACH	PLATED BOLT & NUT		
		IPS STEEL	AWWA DUCTILE		RED PRIMED	GALV.		BOLT (QTY)	SIZE (IN)	PRICE EACH
AC70300S	3	3.500	3.96	6	\$198.50	\$266.00	\$84.00	2	½ x 2 ¾	\$13.50
AC70400S	4	4.500	4.80	8	227.00	312.50	87.50	2	⅝ x 3 ½	13.50
AC70600S	6	6.625	6.90	9	276.50	376.00	94.00	2	⅝ x 3 ½	16.50
AC70800S	8	8.625	9.05	18	344.00	512.00	104.50	2	¾ x 4 ¾	25.50
AC71000S	10	10.750	11.10	22	442.00	650.50	183.00	2	⅞ x 6 ½	43.00
AC71200S	12	12.750	13.20	31	587.50	876.00	189.50	2	⅞ x 6 ½	43.00

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**Grooved Flange Adapter
Style AF - 4**


ITEM CODE	PIPE SIZE ¹ (IN)		FLANGE ADAPTER COMPLETE ² W/GRADE "S" OR "M" GASKET			SPARE PARTS		
	NOM. SIZE	OUTSIDE DIA.	WEIGHT EACH (LBS)	PRICE EACH		GRADE "S" OR "M" GASKET ONLY PRICE EACH	GRADE "L" SILICONE GASKET ONLY PRICE EACH	FLANGE WASHERS
				RED PRIMED	GALV.			
AF40300M	3	3.96	5.5	\$221.50	\$278.00	\$52.50	+	\$94.50
AF40400M	4	4.80	8	246.00	322.50	52.50	+	109.50
AF40600M	6	6.90	9.5	323.50	431.00	58.50	+	152.00
AF40800M	8	9.05	14.8	409.00	555.50	67.00	+	192.50
AF41000M	10	11.10	19.3	599.00	809.50	76.50	+	266.50
AF41200M	12	13.20	27.5	779.00	1,067.00	91.00	+	389.50
AF41400M	14	15.30	46	1,678.00	2,220.50	108.50	+	425.00
AF41600M	16	17.40	67	1,941.00	2,623.50	117.50	+	755.00
AF41800M	18	19.50	84	2,382.00	3,222.50	166.00	+	804.50
AF42000M	20	21.60	105	2,865.50	3,849.50	179.50	+	+
AF42400M	24	25.80	132	3,668.00	4,864.00	198.50	+	+

¹Sizes 3" - 12" are UL and ULC listed.

²Contact Star Pipe Products for alternate gasket and bolt pricing.

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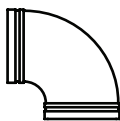
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Style AE-1C
90° Elbows



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE1C0300	3	10	\$207.50	\$218.00	+
AE1C0400	4	15	216.00	226.50	+
AE1C0600	6	28	347.00	363.50	+
AE1C0800	8	44	536.50	563.00	+
AE1C1000	10	72	890.00	934.00	+
AE1C1200	12	99	1,274.00	1,337.50	+
AE1C1400	14	174	2,325.50	2,441.50	+
AE1C1600	16	239	2,755.50	2,892.50	+
AE1C1800	18	330	3,809.00	4,000.50	+
AE1C2000	20	413	4,903.00	5,148.00	+
AE1C2400	24	668	7,603.00	7,983.00	+
AE1C3000	30	1002	13,555.00	14,232.50	+
AE1C3600	36	1608	20,236.50	21,248.00	+

Style AE-3C
22 1/2° Elbows



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE3C0300	3	7	+	+	+
AE3C0400	4	11.5	\$259.00	\$277.50	+
AE3C0600	6	25.5	363.50	381.50	+
AE3C0800	8	39.5	592.00	622.00	+
AE3C1000	10	67	1,153.00	1,197.00	+
AE3C1200	12	108	1,581.50	1,650.00	+
AE3C1400	14	92	1,790.00	1,879.00	+
AE3C1600	16	112	2,442.50	2,565.00	+
AE3C1800	18	145	3,291.00	3,456.00	+
AE3C2000	20	200	4,310.50	4,525.50	+
AE3C2400	24	282	6,495.50	6,821.00	+
AE3C3000	30	681	+	+	+
AE3C3600	36	975	+	+	+

Style AE-2C
45° Elbows



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE2C0300	3	7	\$177.50	\$186.00	+
AE2C0400	4	10.5	229.00	240.50	+
AE2C0600	6	22	329.50	346.00	+
AE2C0800	8	35	493.50	517.00	+
AE2C1000	10	53	799.00	838.00	+
AE2C1200	12	76	1,163.00	1,221.00	+
AE2C1400	14	104	1,836.00	1,927.50	+
AE2C1600	16	142	2,356.50	2,474.50	+
AE2C1800	18	186	3,108.50	3,264.50	+
AE2C2000	20	246	4,023.50	4,224.00	+
AE2C2400	24	414	6,048.00	6,350.50	+
AE2C3000	30	720	11,117.50	11,673.00	+
AE2C3600	36	1152	17,429.50	18,300.50	+

Style AE-4C
11 1/4° Elbows



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE4C0300	3	9	\$259.00	\$277.50	+
AE4C0400	4	11.5	323.50	347.00	+
AE4C0600	6	21.5	453.00	476.50	+
AE4C0800	8	39	740.00	776.50	+
AE4C1000	10	77	1,348.50	1,393.00	+
AE4C1200	12	120	1,725.50	1,787.50	+
AE4C1400	14	101	1,874.50	1,968.50	+
AE4C1600	16	121	2,442.50	2,565.00	+
AE4C1800	18	146	3,291.00	3,456.00	+
AE4C2000	20	202	4,310.50	4,525.50	+
AE4C2400	24	284	6,495.50	6,821.00	+
AE4C3000	30	699	+	+	+
AE4C3600	36	1124	+	+	+

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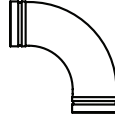
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Style AE-6C
90° Long Radius Elbows

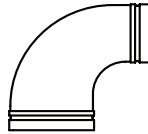


ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE6C0300	3	19.3	+	+	+
AE6C0400	4	28	\$308.50	323.50	+
AE6C0600	6	55	552.00	581.50	+
AE6C0800	8	83	1,001.00	1,038.50	+
AE6C1000	10	160	1,672.00	1,753.00	+
AE6C1200	12	210	2,123.00	2,214.50	+
AE6C1400	14	261	3,505.50	3,681.00	+
AE6C1600	16	337	4,645.00	4,878.00	+
AE6C1800	18	451	6,569.50	6,897.50	+
AE6C2000	20	588	8,463.00	8,886.00	+
AE6C2400	24	909	13,030.50	13,683.00	+
AE6C3000	30	2136	+	+	+
AE6C3600	36	3120	+	+	+

Style AE-5C
90° Reducing Elbows (Cont'd)

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE5C1608	16 x 8	145	+	+	+
AE5C1610	16 x 10	195	2,666.00	2,799.50	+
AE5C1612	16 x 12	240	2,666.00	2,799.50	+
AE5C1614	16 x 14	280	2,666.00	2,799.50	+
AE5C1806	18 x 6	+	+	+	+
AE5C1808	18 x 8	170	+	+	+
AE5C1810	18 x 10	200	+	+	+
AE5C1812	18 x 12	305	+	+	+
AE5C1814	18 x 14	345	+	+	+
AE5C1816	18 x 16	360	3,602.50	4,849.50	+
AE5C2006	20 x 6	+	+	+	+
AE5C2008	20 x 8	+	+	+	+
AE5C2010	20 x 10	242	+	+	+
AE5C2012	20 x 12	365	+	+	+
AE5C2014	20 x 14	405	4,645.00	4,889.00	+
AE5C2016	20 x 16	440	+	+	+
AE5C2018	20 x 18	485	4,645.00	4,889.00	+
AE5C2406	24 x 6	+	+	+	+
AE5C2408	24 x 8	+	+	+	+
AE5C2410	24 x 10	+	+	+	+
AE5C2412	24 x 12	590	+	+	+
AE5C2414	24 x 14	630	+	+	+
AE5C2416	24 x 16	690	+	+	+
AE5C2418	24 x 18	735	+	+	+
AE5C2420	24 x 20	815	+	+	+
AE5C3012	30 x 12	+	+	+	+
AE5C3014	30 x 14	566	+	+	+
AE5C3016	30 x 16	596	+	+	+
AE5C3018	30 x 18	631	+	+	+
AE5C3020	30 x 20	675	+	+	+
AE5C3024	30 x 24	1170	+	+	+
AE5C3612	36 x 12	+	+	+	+
AE5C3614	36 x 14	+	+	+	+
AE5C3616	36 x 16	+	+	+	+
AE5C3618	36 x 18	+	+	+	+
AE5C3620	36 x 20	+	+	+	+
AE5C3624	36 x 24	+	+	+	+
AE5C3630	36 x 30	+	+	+	+

Style AE-5C
90° Reducing Elbows



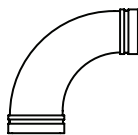
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE5C0403	4 x 3	17	\$595.00	\$624.50	+
AE5C0603	6 x 3	28.5	645.50	755.00	+
AE5C0604	6 x 4	29.6	565.00	594.00	+
AE5C0804	8 x 4	46.5	698.50	732.50	+
AE5C0806	8 x 6	48.5	831.00	873.50	+
AE5C1004	10 x 4	68	3,439.00	3,619.50	+
AE5C1006	10 x 6	77	1,105.50	1,160.00	+
AE5C1008	10 x 8	88	1,290.00	1,354.50	+
AE5C1204	12 x 4	83	+	+	+
AE5C1206	12 x 6	110	2,044.00	2,145.50	+
AE5C1208	12 x 8	126	2,044.00	2,145.50	+
AE5C1210	12 x 10	150	2,044.00	2,145.50	+
AE5C1406	14 x 6	123	+	+	+
AE5C1408	14 x 8	135	2,266.00	2,380.00	+
AE5C1410	14 x 10	170	2,266.00	2,380.00	+
AE5C1412	14 x 12	195	2,266.00	2,380.00	+
AE5C1606	16 x 6	123	+	+	+

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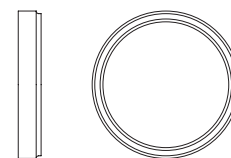
Style AE-7C
90° Long Radius Reducing Elbows

Style AE-7C
90° Long Radius Reducing Elbows (Cont'd)

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE7C0403	4 x 3	+	+	+	+
AE7C0603	6 x 3	+	+	+	+
AE7C0604	6 x 4	+	+	+	+
AE7C0804	8 x 4	+	+	+	+
AE7C0806	8 x 6	+	+	+	+
AE7C1004	10 x 4	+	+	+	+
AE7C1006	10 x 6	+	+	+	+
AE7C1008	10 x 8	+	+	+	+
AE7C1204	12 x 4	+	+	+	+
AE7C1206	12 x 6	+	+	+	+
AE7C1208	12 x 8	+	+	+	+
AE7C1210	12 x 10	+	+	+	+
AE7C1406	14 x 6	+	+	+	+
AE7C1408	14 x 8	+	+	+	+
AE7C1410	14 x 10	+	+	+	+
AE7C1412	14 x 12	+	+	+	+
AE7C1606	16 x 6	+	+	+	+
AE7C1608	16 x 8	+	+	+	+
AE7C1610	16 x 10	+	+	+	+
AE7C1612	16 x 12	+	+	+	+
AE7C1614	16 x 14	+	+	+	+
AE7C1806	18 x 6	+	+	+	+
AE7C1808	18 x 8	+	+	+	+
AE7C1810	18 x 10	+	+	+	+
AE7C1812	18 x 12	+	+	+	+
AE7C1814	18 x 14	+	+	+	+
AE7C1816	18 x 16	+	+	+	+
AE7C2006	20 x 6	+	+	+	+
AE7C2008	20 x 8	+	+	+	+
AE7C2010	20 x 10	+	+	+	+
AE7C2012	20 x 12	+	+	+	+
AE7C2014	20 x 14	+	+	+	+
AE7C2016	20 x 16	+	+	+	+
AE7C2018	20 x 18	+	+	+	+
AE7C2406	24 x 6	+	+	+	+
AE7C2408	24 x 8	+	+	+	+
AE7C2410	24 x 10	+	+	+	+
AE7C2412	24 x 12	+	+	+	+
AE7C2414	24x14	+	+	+	+

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE7C2416	24 x 16	+	+	+	+
AE7C2418	24 x 18	+	+	+	+
AE7C2420	24 x 20	+	+	+	+
AE7C3012	30 x 12	+	+	+	+
AE7C3014	30 x 14	+	+	+	+
AE7C3016	30 x 16	+	+	+	+
AE7C3018	30 x 18	+	+	+	+
AE7C3020	30 x 20	+	+	+	+
AE7C3024	30 x 24	+	+	+	+
AE7C3612	36 x 12	+	+	+	+
AE7C3614	36 x 14	+	+	+	+
AE7C3616	36 x 16	+	+	+	+
AE7C3618	36 x 18	+	+	+	+
AE7C3620	36 x 20	+	+	+	+
AE7C3624	36 x 24	+	+	+	+
AE7C3630	36 x 30	+	+	+	+

Style AK-1C
Cap



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AK1C0300	3	3	\$122.00	\$128.00	+
AK1C0400	4	5	122.00	128.00	+
AK1C0600	6	9	181.50	189.50	+
AK1C0800	8	16	256.00	267.50	+
AK1C1000	10	37.2	407.50	428.00	+
AK1C1200	12	52	555.50	585.50	+
AK1C1400	14	52	881.00	924.00	+
AK1C1600	16	68	1,156.00	1,213.50	+
AK1C1800	18	90	1,590.50	1,669.50	+
AK1C2000	20	110	1,887.00	1,981.00	+
AK1C2400	24	165	3,088.50	3,242.50	+
AK1C3000	30	300	4,282.00	5,125.00	+
AK1C3600	36	536	6,765.00	7,755.50	+

+ Call for price



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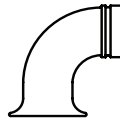
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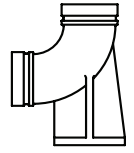
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Style AE-8C
90° Flare



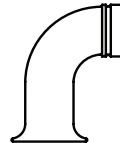
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE8C0300	3	18	\$806.50	\$846.50	+
AE8C0400	4	35	967.50	1,015.00	+
AE8C0600	6	70	1,227.00	1,288.00	+
AE8C0800	8	120	2,222.00	2,314.00	+
AE8C1000	10	157	3,459.00	3,632.00	+
AE8C1200	12	190	5,272.00	5,519.00	+
AE8C1400	14	235	+	+	+
AE8C1600	16	300	+	+	+
AE8C1800	18	391	+	+	+
AE8C2000	20	496	+	+	+
AE8C2400	24	808	+	+	+
AE8C3000	30	+	+	+	+
AE8C3600	36	+	+	+	+

Style AE-11C
90° Base Elbows



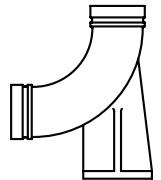
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE11C0300	3	19	\$1,263.50	1,326.00	+
AE11C0400	4	23.6	378.00	396.50	+
AE11C0600	6	42	642.00	674.00	+
AE11C0800	8	75	849.50	891.50	+
AE11C1000	10	114	1,363.50	1,432.00	+
AE11C1200	12	152	1,960.50	2,058.50	+
AE11C1400	14	262	3,627.00	3,808.00	+
AE11C1600	16	312	4,488.00	4,773.00	+
AE11C1800	18	451	5,338.00	5,605.00	+
AE11C2000	20	557	7,265.50	7,629.50	+
AE11C2400	24	814	10,329.00	10,714.50	+
AE11C3000	30	1192	+	+	+
AE11C3600	36	1798	+	+	+

Style AE-9C
90° Long Radius Flare



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE9C0300	3	23	+	+	+
AE9C0400	4	42	+	+	+
AE9C0600	6	68	+	+	+
AE9C0800	8	118	+	+	+
AE9C1000	10	188	+	+	+
AE9C1200	12	275	+	+	+
AE9C1400	14	325	+	+	+
AE9C1600	16	435	+	+	+
AE9C1800	18	571	+	+	+
AE9C2000	20	713	+	+	+
AE9C2400	24	1642	+	+	+
AE9C3000	30	+	+	+	+
AE9C3600	36	+	+	+	+

Style AE-12C
90° Base Long Radius Elbow



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE12C0300	3	25	+	+	+
AE12C0400	4	40	\$1,573.50	\$1,724.50	+
AE12C0600	6	76	2,223.50	2,340.50	+
AE12C0800	8	141	3,707.50	3,902.00	+
AE12C1000	10	206	5,332.00	5,865.50	+
AE12C1200	12	310	5,639.00	5,934.50	+
AE12C1400	14	340	6,556.00	6,904.50	+
AE12C1600	16	425	8,653.00	9,108.50	+
AE12C1800	18	591	10,833.00	11,402.50	+
AE12C2000	20	717	13,328.50	14,030.50	+
AE12C2400	24	1056	17,268.50	18,178.00	+
AE12C3000	30	2431	+	+	+
AE12C3600	36	3415	+	+	+

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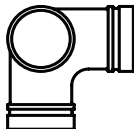
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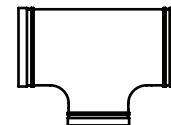


Style AE-10C
90° Side Outlet



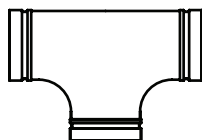
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AE10C0300	3	13	+	+	+
AE10C0400	4	30	+	+	+
AE10C0600	6	58	+	+	+
AE10C0800	8	90	+	+	+
AE10C1000	10	124	+	+	+
AE10C1200	12	170	+	+	+
AE10C1400	14	202	+	+	+
AE10C1600	16	272	+	+	+
AE10C1800	18	378	+	+	+
AE10C2000	20	468	+	+	+
AE10C2400	24	736	+	+	+
AE10C3000	30	1097	+	+	+
AE10C3600	36	1740	+	+	+

Style AT-2C
Reducing Tee



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT2C0403	4 x 3	26.4	\$308.00	\$323.00	+
AT2C0603	6 x 3	53	425.00	446.00	+
AT2C0604	6 x 4	41.6	425.00	446.00	+
AT2C0804	8 x 4	78	625.50	656.50	+
AT2C0806	8 x 6	66.7	625.50	656.50	+
AT2C1004	10 x 4	120	1,244.00	1,307.00	+
AT2C1006	10 x 6	128	1,244.00	1,307.00	+
AT2C1008	10 x 8	119	1,244.00	1,307.00	+
AT2C1204	12 x 4	112	1,741.00	1,829.00	+
AT2C1206	12 x 6	180	1,741.00	1,829.00	+
AT2C1208	12 x 8	186	1,741.00	1,829.00	+
AT2C1210	12 x 10	153	1,741.00	1,829.00	+
AT2C1406	14 x 6	238	3,127.00	3,283.50	+
AT2C1408	14 x 8	241	3,127.00	3,283.50	+
AT2C1410	14 x 10	258	3,127.00	3,283.50	+
AT2C1412	14 x 12	267	3,127.00	3,283.50	+
AT2C1606	16 x 6	288	3,940.50	4,137.00	+
AT2C1608	16 x 8	315	3,940.50	4,137.00	+
AT2C1610	16 x 10	319	3,940.50	4,137.00	+
AT2C1612	16 x 12	330	3,940.50	4,137.00	+
AT2C1614	16 x 14	341	3,940.50	4,137.00	+
AT2C1806	18 x 6	320	5,442.50	5,714.00	+
AT2C1808	18 x 8	326	5,442.50	5,714.00	+
AT2C1810	18 x 10	332	5,442.50	5,714.00	+
AT2C1812	18 x 12	339	5,442.50	5,714.00	+
AT2C1814	18 x 14	441	5,442.50	5,714.00	+
AT2C1816	18 x 16	453	5,442.50	5,714.00	+
AT2C2006	20 x 6	407	6,652.50	6,985.00	+
AT2C2008	20 x 8	412	6,652.50	6,985.00	+
AT2C2010	20 x 10	419	6,652.50	6,985.00	+
AT2C2012	20 x 12	426	6,652.50	6,985.00	+
AT2C2014	20 x 14	443	6,652.50	6,985.00	+
AT2C2016	20 x 16	571	6,652.50	6,985.00	+
AT2C2018	20 x 18	584	6,652.50	6,985.00	+
AT2C2406	24 x 6	534	11,930.00	12,526.00	+
AT2C2408	24 x 8	540	11,930.00	12,526.00	+

Style AT-1C
Tee



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT1C0300	3	16	\$277.00	\$286.00	+
AT1C0400	4	22	324.00	340.00	+
AT1C0600	6	42	448.00	470.00	+
AT1C0800	8	65	659.50	691.00	+
AT1C1000	10	122	1,310.00	1,375.00	+
AT1C1200	12	161	1,833.00	1,924.50	+
AT1C1400	14	262	3,176.00	3,334.00	+
AT1C1600	16	304	4,147.50	4,354.50	+
AT1C1800	18	408	5,729.00	6,016.00	+
AT1C2000	20	552	7,002.50	7,351.50	+
AT1C2400	24	980	12,631.50	13,186.00	+
AT1C3000	30	1552	21,559.00	22,636.50	+
AT1C3600	36	2050	31,679.00	33,263.00	+

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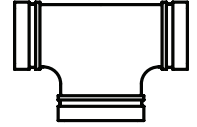


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Style AT-2C
Reducing Tee (Cont'd)

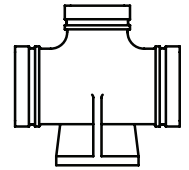
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT2C2410	24 x 10	549	\$11,930.00	\$12,526.00	+
AT2C2412	24 x 12	593	11,930.00	12,526.00	+
AT2C2414	24 x 14	610	11,930.00	12,526.00	+
AT2C2416	24 x 16	620	11,930.00	12,526.00	+
AT2C2418	24 x 18	918	11,930.00	12,526.00	+
AT2C2420	24 x 20	937	11,930.00	12,526.00	+
AT2C3012	30 x 12	1175	21,817.50	22,908.50	+
AT2C3014	30 x 14	1250	21,817.50	22,908.50	+
AT2C3016	30 x 16	1437	21,817.50	22,908.50	+
AT2C3018	30 x 18	1450	21,817.50	22,908.50	+
AT2C3020	30 x 20	1462	21,817.50	22,908.50	+
AT2C3024	30 x 24	1475	21,817.50	22,908.50	+
AT2C3612	36 x 12	1420	31,113.50	32,668.00	+
AT2C3614	36 x 14	1425	+	+	+
AT2C3616	36 x 16	1430	+	+	+
AT2C3618	36 x 18	1435	+	+	+
AT2C3620	36 x 20	1440	+	+	+
AT2C3624	36 x 24	1445	31,113.60	32,668.00	+
AT2C3630	36 x 30	2100	31,113.50	32,688.00	+

Style AT-6C
Bull Head Tee



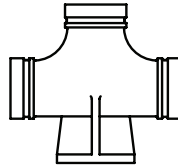
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT6C040406	4x4x6	47	+	+	+
AT6C060608	6x6x8	79	+	+	+
AT6C080810	8x8x10	164	+	+	+
AT6C101012	10X10X12	226	+	+	+

Style AT-5C
Reducing Base Tee



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT5C0403	4 x 3	60	\$1,722.00	\$1,812.50	+
AT5C0603	6 x 3	91	+	+	+
AT5C0604	6 x 4	90	1,829.50	1,925.50	+
AT5C0804	8 x 4	162	2,797.00	2,944.00	+
AT5C0806	8 x 6	163	2,797.00	2,944.00	+
AT5C1004	10 x 4	225	3,464.00	3,623.00	+
AT5C1006	10 x 6	231	3,464.00	3,623.00	+
AT5C1008	10 x 8	231	3,464.00	3,623.00	+
AT5C1204	12 x 4	312	4,271.00	4,496.00	+
AT5C1206	12 x 6	313	4,271.00	4,496.00	+
AT5C1208	12 x 8	318	4,271.00	4,496.00	+
AT5C1210	12 x 10	358	4,271.00	4,496.00	+
AT5C1406	14 x 6	+	+	+	+
AT5C1408	14 x 8	+	+	+	+
AT5C1410	14 x 10	+	+	+	+
AT5C1412	14 x 12	+	+	+	+
AT5C1606	16 x 6	+	+	+	+
AT5C1608	16 x 8	+	+	+	+
AT5C1610	16 x 10	+	+	+	+
AT5C1612	16 x 12	+	+	+	+
AT5C1614	16 x 14	+	+	+	+
AT5C1806	18 x 6	+	+	+	+
AT5C1808	18 x 8	+	+	+	+
AT5C1810	18 x 10	+	+	+	+
AT5C1812	18 x 12	+	+	+	+
AT5C1814	18 x 14	+	+	+	+
AT5C1816	18 x 16	+	+	+	+

Style AT-4C
Base Tee



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT4C0300	3	19	+	+	+
AT4C0400	4	26	+	+	+
AT4C0600	6	50	+	+	+
AT4C0800	8	92	+	+	+
AT4C1000	10	125	+	+	+
AT4C1200	12	183	+	+	+
AT4C1400	14	293	+	+	+
AT4C1600	16	338	+	+	+
AT4C1800	18	489	+	+	+
AT4C2000	20	632	+	+	+
AT4C2400	24	895	+	+	+
AT4C3000	30	1742	+	+	+
AT4C3600	36	2240	+	+	+

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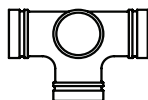
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Style AT-5C
Reducing Base Tee (Cont'd)

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT5C2006	20 x 6	+	+	+	+
AT5C2008	20 x 8	+	+	+	+
AT5C2010	20 x 10	+	+	+	+
AT5C2012	20 x 12	+	+	+	+
AT5C2014	20 x 14	+	+	+	+
AT5C2016	20 x 16	+	+	+	+
AT5C2018	20 x 18	+	+	+	+
AT5C2406	24 x 6	+	+	+	+
AT5C2408	24 x 8	+	+	+	+
AT5C2410	24 x 10	+	+	+	+
AT5C2412	24 x 12	+	+	+	+
AT5C2414	24 x 14	+	+	+	+
AT5C2416	24 x 16	+	+	+	+
AT5C2418	24 x 18	+	+	+	+
AT5C2420	24 x 20	+	+	+	+
AT5C3012	30 x 12	+	+	+	+
AT5C3014	30 x 14	+	+	+	+
AT5C3016	30 x 16	+	+	+	+
AT5C3018	30 x 18	+	+	+	+
AT5C3020	30 x 20	+	+	+	+
AT5C3024	30 x 24	+	+	+	+
AT5C3612	36 x 12	+	+	+	+
AT5C3614	36 x 14	+	+	+	+
AT5C3616	36 x 16	+	+	+	+
AT5C3618	36 x 18	+	+	+	+
AT5C3620	36 x 20	+	+	+	+
AT5C3624	36 x 24	+	+	+	+
AT5C3630	36 x 30	+	+	+	+



Style AT-3C
Tee Side Outlet

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT3C0300	3	28	+	+	+
AT3C0400	4	42	+	+	+
AT3C0600	6	85	+	+	+
AT3C0800	8	114	+	+	+
AT3C1000	10	219	+	+	+
AT3C1200	12	295	+	+	+
AT3C1400	14	290	+	+	+
AT3C1600	16	337	+	+	+

Style AT-3C
Tee Side Outlet (cont'd)

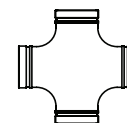
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AT3C1800	18	456	+	+	+
AT3C2000	20	607	+	+	+
AT3C2400	24	1048	+	+	+
AT3C3000	30	1647	+	+	+
AT3C3600	36	2182	+	+	+

Style AL-1C
45° Lateral



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AL1C0300	3	28	\$500.00	\$524.00	+
AL1C0400	4	38.4	623.50	654.50	+
AL1C0600	6	67	1,063.00	1,115.00	+
AL1C0800	8	120	1,258.50	1,321.00	+
AL1C1000	10	215	2,872.00	2,961.00	+
AL1C1200	12	346	4,038.50	4,185.50	+
AL1C1400	14	492	5,238.00	5,500.00	+
AL1C1600	16	696	6,802.00	7,141.50	+
AL1C1800	18	870	9,312.00	9,777.00	+
AL1C2000	20	1103	12,069.00	12,672.50	+
AL1C2400	24	1746	17,931.00	18,826.50	+
AL1C3000	30	3280	+	+	+
AL1C3600	36	5020	+	+	+

Style AX-1C
Cross



ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AX1C0300	3	24	+	+	+
AX1C0400	4	40	\$712.50	\$747.50	+
AX1C0600	6	71	1,115.00	1,171.00	+
AX1C0800	8	106	1,727.00	1,814.00	+
AX1C1000	10	225	2,091.00	2,195.50	+
AX1C1200	12	310	3,133.00	3,290.00	+
AX1C1400	14	307	4,131.00	4,337.50	+
AX1C1600	16	426	5,063.00	5,316.50	+
AX1C1800	18	567	6,517.00	6,842.50	+
AX1C2000	20	717	+	+	+
AX1C2400	24	1177	+	+	+
AX1C3000	30	1366	+	+	+
AX1C3600	36	1885	+	+	+

+ Call for price



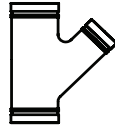
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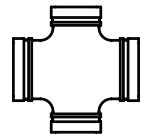


Style AL-2C
Reducing Lateral

Style AL-2C
Reducing Lateral (Cont'd)

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AL2C0403	4 x 3	45	\$583.50	\$635.50	+
AL2C0603	6 x 3	74	994.50	1,030.00	+
AL2C0604	6 x 4	80	994.50	1,030.00	+
AL2C0804	8 x 4	125	1,474.00	1,527.00	+
AL2C0806	8 x 6	140	1,474.00	1,527.00	+
AL2C1004	10 x 4	204	1,884.00	2,012.00	+
AL2C1006	10 x 6	212	1,884.00	2,012.00	+
AL2C1008	10 x 8	236	1,884.00	2,012.00	+
AL2C1204	12 x 4	290	3,782.50	3,920.00	+
AL2C1206	12 x 6	302	3,782.50	3,920.00	+
AL2C1208	12 x 8	324	3,782.50	3,920.00	+
AL2C1210	12 x 10	356	3,782.50	3,920.00	+
AL2C1406	14 x 6	330	5,089.50	5,344.50	+
AL2C1408	14 x 8	346	5,089.50	5,344.50	+
AL2C1410	14 x 10	540	+	+	+
AL2C1412	14 x 12	625	+	+	+
AL2C1606	16 x 6	570	+	+	+
AL2C1608	16 x 8	585	+	+	+
AL2C1610	16 x 10	630	+	+	+
AL2C1612	16 x 12	650	+	+	+
AL2C1614	16 x 14	692	+	+	+
AL2C1806	18 x 6	+	+	+	+
AL2C1808	18 x 8	+	+	+	+
AL2C1810	18 x 10	765	+	+	+
AL2C1812	18 x 12	800	+	+	+
AL2C1814	18 x 14	865	+	+	+
AL2C1816	18 x 16	895	+	+	+
AL2C2006	20 x 6	+	+	+	+
AL2C2008	20 x 8	+	+	+	+
AL2C2010	20 x 10	+	+	+	+
AL2C2012	20 x 12	1000	+	+	+
AL2C2014	20 x 14	1062	+	+	+
AL2C2016	20 x 16	1105	+	+	+
AL2C2018	20 x 18	1150	+	+	+
AL2C2406	24 x 6	+	+	+	+
AL2C2408	24 x 8	+	+	+	+
AL2C2410	24 x 10	+	+	+	+
AL2C2412	24 x 12	+	+	+	+
AL2C2414	24 x 14	1510	+	+	+

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AL2C2416	24 x 16	1580	\$17,763.50	\$18,658.50	+
AL2C2418	24 x 18	871	17,763.50	18,658.50	+
AL2C2420	24 x 20	1705	+	+	+
AL2C3012	30 x 12	2178	+	+	+
AL2C3014	30 x 14	2208	+	+	+
AL2C3016	30 x 16	2248	+	+	+
AL2C3018	30 x 18	2294	+	+	+
AL2C3020	30 x 20	2339	+	+	+
AL2C3024	30 x 24	2451	+	+	+
AL2C3612	36 x 12	+	+	+	+
AL2C3614	36 x 14	3200	+	+	+
AL2C3616	36 x 16	3493	+	+	+
AL2C3618	36 x 18	3533	+	+	+
AL2C3620	36 x 20	3574	+	+	+
AL2C3624	36 x 24	3675	+	+	+
AL2C3630	36 x 30	3879	+	+	+



Style AX-2C
Reducing Cross

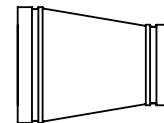
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AX2C0403	4 x 3	22	+	+	+
AX2C0603	6 x 3	46	+	+	+
AX2C0604	6 x 4	38	+	+	+
AX2C0804	8 x 4	76	+	+	+
AX2C0806	8 x 6	59	+	+	+
AX2C1004	10 x 4	120	+	+	+
AX2C1006	10 x 6	114	+	+	+
AX2C1008	10 x 8	123	+	+	+
AX2C1204	12 x 4	174	+	+	+
AX2C1206	12 x 6	130	+	+	+
AX2C1208	12 x 8	139	+	+	+
AX2C1210	12 x 10	154	+	+	+
AX2C1406	14 x 6	215	+	+	+
AX2C1408	14 x 8	221	+	+	+
AX2C1410	14 x 10	235	+	+	+
AX2C1412	14 x 12	244	+	+	+

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Style AX-2C
Reducing Cross (Cont'd)

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AX2C1606	16 X 6	266	+	+	+
AX2C1608	16 X 8	276	+	+	+
AX2C1610	16 X 10	291	+	+	+
AX2C1612	16 X 12	305	+	+	+
AX2C1614	16 X 14	280	+	+	+
AX2C1806	18 X 6	+	+	+	+
AX2C1808	18 X 8	272	+	+	+
AX2C1810	18 X 10	277	+	+	+
AX2C1812	18 X 12	291	+	+	+
AX2C1814	18 X 14	361	+	+	+
AX2C1816	18 X 16	367	+	+	+
AX2C2006	20 X 6	+	+	+	+
AX2C2008	20 X 8	343	+	+	+
AX2C2010	20 X 10	343	+	+	+
AX2C2012	20 X 12	357	+	+	+
AX2C2014	20 X 14	327	+	+	+
AX2C2016	20 X 16	458	+	+	+
AX2C2018	20 X 18	469	+	+	+
AX2C2406	24 X 6	+	+	+	+
AX2C2408	24 X 8	+	+	+	+
AX2C2410	24 X 10	+	+	+	+
AX2C2412	24 X 12	475	+	+	+
AX2C2414	24 X 14	450	+	+	+
AX2C2416	24 X 16	446	+	+	+
AX2C2418	24 X 18	782	+	+	+
AX2C2420	24 X 20	788	+	+	+
AX2C3012	30 X 12	888	+	+	+
AX2C3014	30 X 14	853	+	+	+
AX2C3016	30 X 16	843	+	+	+
AX2C3018	30 X 18	839	+	+	+
AX2C3020	30 X 20	835	+	+	+
AX2C3024	30 X 24	1304	+	+	+
AX2C3612	36 X 12	+	+	+	+
AX2C3614	36 X 14	1222	+	+	+
AX2C3616	36 X 16	1213	+	+	+
AX2C3618	36 X 18	1204	+	+	+
AX2C3620	36 X 20	1190	+	+	+
AX2C3624	36 X 24	1163	+	+	+
AX2C3630	36 X 30	1865	+	+	+

Style AR-1C
Concentric Reducer

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AR1C0403	4 x 3	8.4	\$311.50	\$327.00	+
AR1C0603	6 x 3	15	453.00	469.50	+
AR1C0604	6 x 4	16.3	453.00	469.50	+
AR1C0803	8 x 3	33	+	+	+
AR1C0804	8 x 4	28	562.00	590.00	+
AR1C0806	8 x 6	30.1	562.00	590.00	+
AR1C1004	10 x 4	42	850.00	893.50	+
AR1C1006	10 x 6	46	850.00	893.50	+
AR1C1008	10 x 8	46	850.00	893.50	+
AR1C1204	12 x 4	60	1,240.00	1,304.00	+
AR1C1206	12 x 6	70	1,240.00	1,304.00	+
AR1C1208	12 x 8	74	1,240.00	1,304.00	+
AR1C1210	12 x 10	73	1,240.00	1,304.00	+
AR1C1406	14 x 6	89	2,003.50	2,104.00	+
AR1C1408	14 x 8	102	2,003.50	2,104.00	+
AR1C1410	14 x 10	112	2,003.50	2,104.00	+
AR1C1412	14 x 12	126	2,003.50	2,104.00	+
AR1C1606	16 x 6	110	+	+	+
AR1C1608	16 x 8	122	3,067.00	3,202.00	+
AR1C1610	16 x 10	135	3,067.00	3,202.00	+
AR1C1612	16 x 12	146	3,067.00	3,202.00	+
AR1C1614	16 x 14	173	3,067.00	3,202.00	+
AR1C1806	18 x 6	+	+	+	+
AR1C1808	18 x 8	148	+	+	+
AR1C1810	18 x 10	158	4,205.50	4,415.50	+
AR1C1812	18 x 12	173	4,205.50	4,415.50	+
AR1C1814	18 x 14	200	4,205.50	4,415.50	+
AR1C1816	18 x 16	220	4,205.50	4,415.50	+
AR1C2006	20 x 6	+	+	+	+
AR1C2008	20 x 8	173	5,143.50	5,400.00	+
AR1C2010	20 x 10	182	5,143.50	5,400.00	+
AR1C2012	20 x 12	201	5,143.50	5,400.00	+
AR1C2014	20 x 14	230	5,143.50	5,400.00	+
AR1C2016	20 x 16	251	5,143.50	5,400.00	+
AR1C2018	20 x 18	275	5,143.50	5,400.00	+
AR1C2406	24 x 6	+	+	+	+
AR1C2408	24 x 8	+	+	+	+

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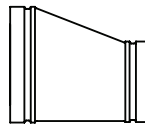
**Style AR-1C
Concentric Reducer (Cont'd)**

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AR1C2410	24 x 10	+	+	+	+
AR1C2412	24 x 12	293	\$7,596.00	\$7,976.00	+
AR1C2414	24 x 14	331	7,596.00	7,976.00	+
AR1C2416	24 x 16	358	7,596.00	7,976.00	+
AR1C2418	24 x 18	386	7,596.00	7,976.00	+
AR1C2420	24 x 20	418	7,596.00	7,976.00	+
AR1C3018	30 x 18	500	+	+	+
AR1C3020	30 x 20	535	10,002.00	10,503.00	+
AR1C3024	30 x 24	595	10,002.00	10,503.00	+
AR1C3620	36 x 20	1280	14,907.00	15,883.00	+
AR1C3624	36 x 24	1370	14,907.00	15,883.00	+
AR1C3630	36 x 30	1450	14,907.00	15,883.00	+

**Style AR-2C
Eccentric Reducer (Cont'd)**

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AR2C1808	18 x 8	180	+	+	+
AR2C1810	18 x 10	215	+	+	+
AR2C1812	18 x 12	215	+	+	+
AR2C1814	18 x 14	230	+	+	+
AR2C1816	18 x 16	275	+	+	+
AR2C2010	20 x 10	215	+	+	+
AR2C2012	20 x 12	250	5,144.50	5,400.00	+
AR2C2014	20 x 14	270	5,144.50	5,400.00	+
AR2C2016	20 x 16	300	5,144.50	5,400.00	+
AR2C2018	20 x 18	320	+	+	+
AR2C2412	24 x 12	395	+	+	+
AR2C2414	24 x 14	425	+	+	+
AR2C2416	24 x 16	455	+	+	+
AR2C2418	24 x 18	465	8,007.50	8,371.50	+
AR2C2420	24 x 20	525	+	+	+
AR2C3018	30 x 18	500	+	+	+
AR2C3020	30 x 20	535	+	+	+
AR2C3024	30 x 24	595	10,002.00	10,503.00	+
AR2C3620	36 x 20	+	+	+	+
AR2C3624	36 x 24	+	+	+	+
AR2C3630	36 x 30	+	+	+	+

**Style AR-2C
Eccentric Reducer**



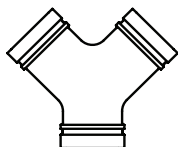
ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AR2C0403	4 x 3	8.7	\$386.00	\$406.50	+
AR2C0603	6 x 3	20	480.50	506.00	+
AR2C0604	6 x 4	16.7	480.50	506.00	+
AR2C0804	8 x 4	35	698.50	733.00	+
AR2C0806	8 x 6	30	698.50	733.00	+
AR2C1004	10 x 4	54	1,059.50	1,113.50	+
AR2C1006	10 x 6	60	1,059.50	1,113.50	+
AR2C1008	10 x 8	43	1,059.50	1,113.50	+
AR2C1204	12 x 4	82	1,542.50	1,619.50	+
AR2C1206	12 x 6	84	1,542.50	1,619.50	+
AR2C1208	12 x 8	91	1,542.50	1,619.50	+
AR2C1210	12 x 10	70	1,542.50	1,619.50	+
AR2C1406	14 x 6	104	+	+	+
AR2C1408	14 x 8	121	+	+	+
AR2C1410	14 x 10	135	2,004.50	2,104.00	+
AR2C1412	14 x 12	150	2,004.50	2,104.00	+
AR2C1606	16 x 6	140	+	+	+
AR2C1608	16 x 8	160	+	+	+
AR2C1610	16 x 10	168	3,066.50	3,202.00	+
AR2C1612	16 x 12	190	3,066.50	3,202.00	+
AR2C1614	16 x 14	210	+	+	+

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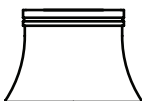
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Style AY-1C
True WYE

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AY1C0300	3	25	\$1,145.50	\$1,173.50	+
AY1C0400	4	55	2,042.50	2,131.00	+
AY1C0600	6	90	2,679.00	2,812.50	+
AY1C0800	8	140	3,683.00	3,867.00	+
AY1C1000	10	220	+	+	+
AY1C1200	12	315	+	+	+
AY1C1400	14	425	+	+	+
AY1C1600	16	555	+	+	+
AY1C1800	18	720	+	+	+
AY1C2000	20	910	+	+	+
AY1C2400	24	1135	+	+	+
AY1C3000	30	1700	+	+	+
AY1C3600	36	2300	+	+	+



Style AS-1C
Straight Flare

ITEM CODE	NOMINAL SIZE (IN)	WEIGHT EACH (LBS)	PRICE EACH		
			BARE/BARE	CEMENT LINED	GLASS LINED
AS1C0300	3	13	\$840.00	\$884.50	+
AS1C0400	4	17	840.00	884.50	+
AS1C0600	6	23	1,187.00	1,249.50	+
AS1C0800	8	43	1,371.50	1,443.50	+
AS1C1000	10	58	1,960.00	2,067.00	+
AS1C1200	12	100	2,666.00	2,806.50	+
AS1C1400	14	120	+	+	+
AS1C1600	16	145	+	+	+
AS1C1800	18	205	+	+	+
AS1C2000	20	221	+	+	+
AS1C2400	24	293	+	+	+
AS1C3000	30	567	+	+	+
AS1C3600	36	736	+	+	+

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The following recommendations are to assist in the selection of gasket compounds to suit particular applications. The data furnished is based upon the best information available and data supplied by producers of basic copolymer materials and leading rubber molders and manufacturers. This information is to be used as a guide and is based on average conditions. Many other factors in actual service conditions must be considered in making a final selection.

Selecting the proper elastomeric compound for a specific application is largely a matter of making the best possible match between compound capabilities and service conditions. Sometimes compromises must be made, but usually a compound can be identified that meets all the specifications. For specific application conditions and selection assistance, contact Star Pipe Products.

Standard Gaskets

TYPE	TEMPERATURE RANGE	COMPOUND	COLOR CODE	GENERAL RECOMMENDATIONS
M	-20°F to +200°F	Halogenated Butyl	Brown	Recommended for hot and cold water within specified temperature range. Also for a variety of dilute acids, vegetable oils, air and other chemicals not involving and petroleum or hydrocarbons. NOT RECOMMENDED FOR PETROLEUM OR HYDROCARBON SERVICE

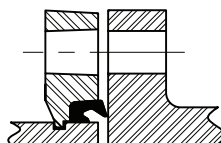
Special Gaskets

TYPE	TEMPERATURE RANGE	COMPOUND	COLOR CODE	GENERAL RECOMMENDATIONS
B	-20°F to +160°F	SBR	None	Recommended for most general applications involving water within specified temperature range NOT RECOMMENDED FOR PETROLEUM OR HYDROCARBON SERVICE
L	-0°F to +350°F	Silicone	Red Gasket	Recommended for dry heat, air, oxygen, ozone and other applications involving extremes in temperature
O	-30°F to +300°F	Fluro-Carbon (Viton®)	Blue	Recommended for most solvents, aromatics, mineral, synthetic oils and oxidizing acids
S	-20°F to +180°F	Nitrile [Buna N]	Green	Recommended for most general applications involving petroleum products, vegetable oils, mineral oils, air with oil vapors; except hot dry air over 140°F and water over 150°F NOT RECOMMENDED FOR HOT WATER SERVICE

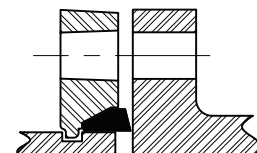
Viton is a registered trademark of Dupont Company



3'-36"
AC-9 Flush Gasket



3'-12"
AF-4 Flange



14"-24"
AF-4 Flange

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Coating Options

Unless otherwise specified, Star® Pipe Products' AWWA Grooved Products are supplied Red Primed. Additional coatings and linings are available. Please contact Star Pipe Products for further information.

COATING ¹	INCREASE IN PRICE (%)
Themec Series 1	5
Themec Series 37-77	0
Themec Series 20	+
Themec Series 66	8
Themec Series 69	8
Themec Series 90-97	12
Themec Series 104	8
Themec Series 135	8
Themec Series 140	8
Themec Series 160	+
Themec Series 161	+
Coal Tar Epoxy	17
Wasser McFerroClad	5

¹ All special coating options are non-cancellable and non-returnable.

+ Priced on application. Contact Star Pipe Products for availability & pricing.

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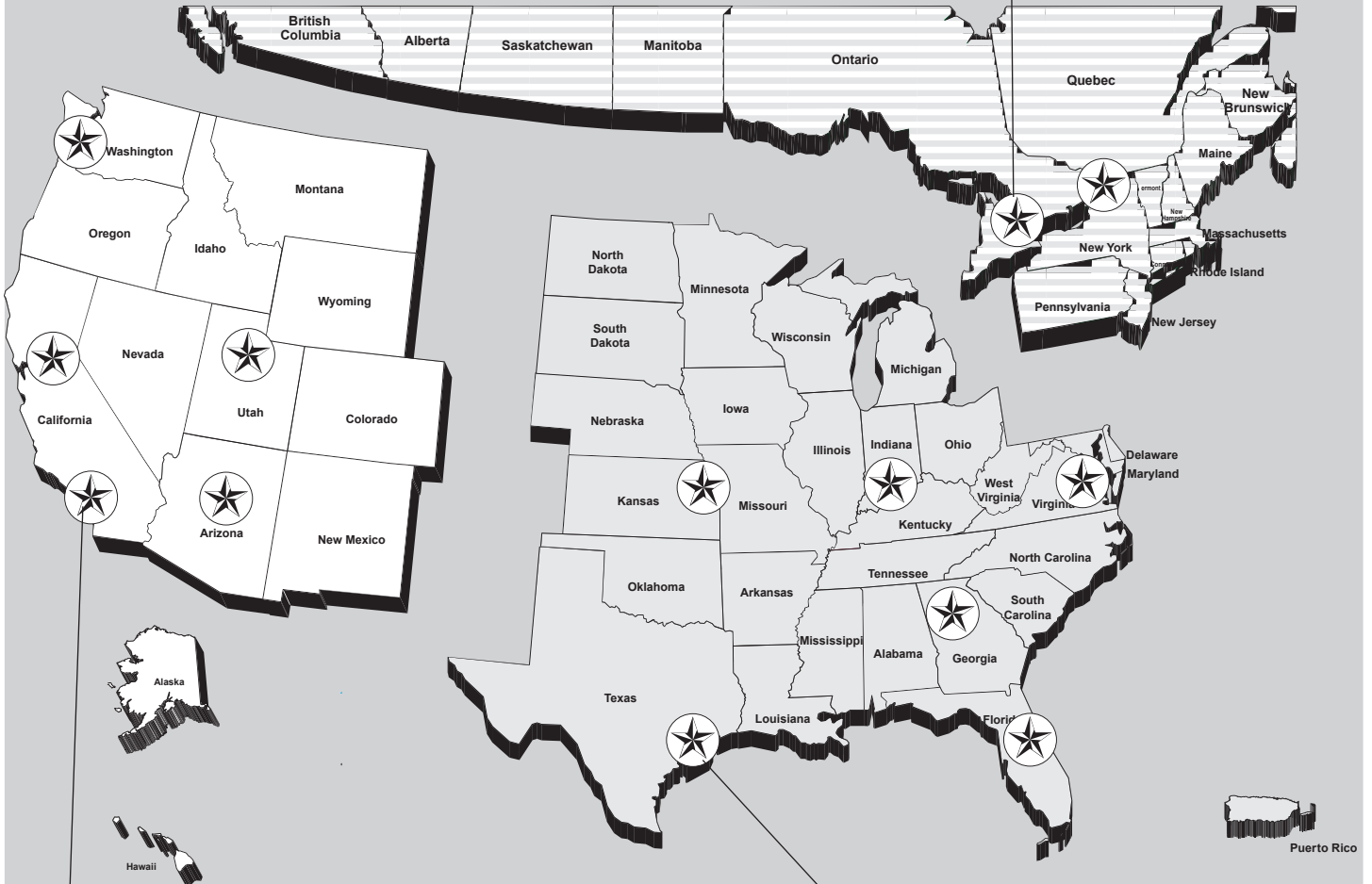


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Orlando, FL 32824

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Richmond, VA 23234

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Salt Lake City, UT 84119

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6119 Guion Road
Indianapolis, IN 46254

Kansas City, MO
1444 Vernon
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Phoenix, AZ
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