AnvilStar™
Fire Products Division of Anvil International

GRUVLOK® FIRE PROTECTION DOMESTIC PRODUCTS

Price Sheet GFPL-9-2008 | Effective September 29, 2008 | Cancels Price Sheet GFPL-6-2008 of June 2, 2008

FOR THE MOST CURRENT PRODUCT/PRICING INFORMATION ON ANVIL PRODUCTS, PLEASE VISIT OUR WEBSITE AT WWW.ANVILINTL.COM

PRICING

- Pricing is subject to change without notice. Go to Anvil's Web site for the most current list price information, or contact your local Anvil representative.
- All orders are accepted on the basis of prices in effect at the time of shipment.
- To the prices and terms quoted, there will be added any manufacturers or sales tax payable on the transaction under any effective statute.

SHIPPING

- All prices are F.O.B. point of shipment. Title of goods shall pass to the buyer upon delivery of the shipment to the carrier.
- All goods are shipped at buyer's risk. Shipments should be carefully examined upon delivery and before the carrier's delivery receipt is signed. If any loss or damage is evident, the buyer should make an appropriate notation on the delivery receipt and insist that the carrier's driver initial such exception. The contents of all packages should be carefully examined for concealed damage as soon as possible after delivery, so that the carrier can be requested, within 48 hours after delivery, to arrange for prompt inspection of the damaged goods.
- Anvil reserves the right to select the carrier for all shipments.

GENERAL

- UPC numbers are available upon request.
- To obtain current ISO certifications, listings, and other approvals, visit Anvil's Web site at www.anvilstar.com.

REVISIONS

April 2, 2009
Page 10
End of the Line Fitting (EOL)
Fig. 7091 – Discontinued

February 8, 2010:
Page 10 - The UL/FM Butterfly Valves and 78FP Check Valves can now be found in our Anvil Star Fire Protection Valves price sheet

Page 12 - 1 Pint Can Quick Dry Lubricant – Discontinued

NORTHERN REGION 800-301-2701
SOUTHERN REGION 800-451-4414

1. CONTROLLING PROVISIONS:

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.

2. 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 whatever 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.

3. 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 examination shall disclose to its satisfaction that the products are 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 products or workmanship of damage resulting from the same. Seller warrants the products which it sells of other manufacturers to the extent of the warranties of their respective makers. 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 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 products. 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.

4. SELLER'S 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.

5. 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 percent (20%) will be made from all credit memoranda issued for material returned; (c) Transportation charges, if not prepaid will be deducted from credit memoranda.

6. 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.

7. SPECIAL PRODUCTS:

Orders covering special or nonstandard products are not subject to cancellation except on such terms as Seller may specify on application.

8. PRICES AND DESIGNS:

Prices and designs are subject to change without notice. All prices are F.O.B. Point of shipment, unless otherwise stated.

9. TAXES:

The amount of any sales, excise or other taxes, if any, applicable to the products covered by this order, shall be paid by Buyer unless Buyer provides Seller with an exemption certificate acceptance to the taxing authorities.

10. NUCLEAR PLANTS:

Where the products, engineering design or fabrication is for nuclear plant applications. Buyer agrees (a) to take all necessary steps to add Seller as an insured under the American Nuclear Insurers' (ANI) pool and under the Mutual Atomic Energy Reinsurance Pool (MAERP) for property damage and liability insurance and if necessary steps could have been taken, but are not taken, Buyer shall hold Seller harmless against all such losses which could have been thus covered (b) Buyer agrees to hold Seller harmless with respect to any personal injury (or death), property damage or other loss in a nuclear incident which is caused directly or indirectly by defective design, material, workmanship furnished by Seller (or which could be so covered but with respect to which Buyer has elected to self-insure), and further agrees to waive subrogation by its carriers of such insurance against Seller, and (c) as to nuclear hazards for which Buyer cannot obtain insurance coverage, the liability of Seller for any personal injury (or death), property damage or other loss directly caused by defective design, material, or workmanship furnished by Seller shall not exceed the value at the time of the loss occurrence.

11. MINIMUM INVOICE:

Domestic: $100 plus transportation.
International: $500 plus transportation.

12. TERMS:

Cash, net 30 days unless otherwise specified.

NOTE: All orders are accepted on the basis of prices in effect at the time of shipment.

NOTICE: The prices and terms quoted, there will be added any manufacturers or sales tax payable on the transaction under any effective statute.

FREIGHT ALLOWANCE: All prices are F.O.B. point of shipment. On shipments weighing 2,500 pounds or more, rail freight or motor freight at the lowest published rate, is allowed to all continental U.S. rail points or all U.S. highway points listed in published tariffs (Alaska and Hawaii excluded). In no case will more than actual freight be allowed. Shipments (weighing less than 2,500 pounds) will be shipped prepaid. The buyer will be invoiced for freight costs at the applicable published class, exception or commodity rate(s) or charge(s). Anvil reserves the right to select the carrier for all shipments.

Table of Contents

Terms and Conditions **2**

Domestic Fire Protection Components ..... **4 – 11**
Lightweight Flexible Coupling Fig. 7000 4
Reducing Coupling Fig. 7010 4
Gruvlok Flange Fig. 7012 4
Rigidlite® Coupling Fig. 7400. 5
Standard 90° Elbows Fig. 7050S 5
90° Drain Elbows Fig. 7050DR 5
Standard 45° Elbows Fig. 7051 5
Standard Tees Fig. 7060S 6
Bullhead Tee Fig. 7062. 6
Standpipe Tee Fig. 7065 6
Cap Fig. 7074. 6
Fire-Rite Tees Fig. 7460 Short Pattern Fitting 6
Fire-Rite 90° Elbows Fig. 7450 Short Pattern Fitting 6
Concentric Reducer Fig. 7072 7
Concentric Reducer Fig. 7076 7
Mechanical Clamp-T® Grooved Outlet Fig. 7046 8
Mechanical Clamp-T® Female Threaded Outlet Fig. 7045 8
Mechanical Clamp-T® Cross, Fig. 7047, Fig. 7048 & Fig. 7049 9
Steel Cross Fig. 7068. 10

Sock-It® Fittings **11**
7100 11
7101 11
7103 11
7105 11
7106 11
7107 11

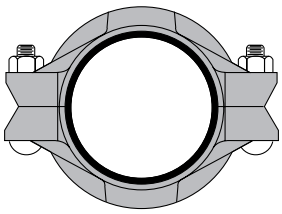
Spare Parts **12**
Fig. 7000 Spare Parts, Gaskets. 12
Fig. 7400 Spare Parts, Gaskets. 12
Fig. 7010 Spare Parts, Grade E Gaskets 12
Sock-It® Fittings Spare Parts, Gaskets and Bolts 12

Gasket Selection Guide **12**
Lubricants. **12**
Cross Reference. **13**

Note: Price List intended for Fire Protection Products. Other Gruvlok Products may be found in GL-6-2008 and SS "A"-6-2008.

Lightweight Flexible Coupling Fig. 7000†

†When ordering, refer to product as FP7000.



For listing/approval details contact your Gruvlok Representative.

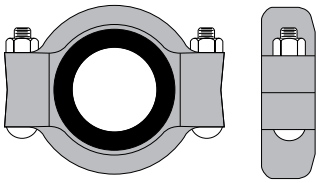
NOMINAL PIPE SIZE (INCHES)	PIPE OUTSIDE DIAMETER (INCHES)	APRX. WEIGHT EACH (LBS)	COUPLING COMPLETE WITH PRE-LUBRICATED GRADE E GASKET (TYPE A)		COUPLING COMPLETE WITH GRADE E FLUSH GAP™ GASKET	
			PAINTED	GALVANIZED	PAINTED	GALVANIZED
1¼	1.660	1.40	$30.50	$39.50	$50.00	$60.50
1½	1.900	1.50	$37.25	$46.75	$55.50	$66.25
2	2.375	1.70	$38.00	$48.00	$57.00	$67.75
2½	2.875	1.90	$43.75	$55.50	$67.75	$80.75
3	3.500	2.90	$50.75	$64.50	$72.25	$87.25
4	4.500	4.60	$71.50	$93.50	$103.50	$126.75
5	5.563	6.10	$103.25	$131.75	$177.50	$212.50
6	6.625	8.10	$123.75	$161.25	$196.25	$238.00
8	8.625	14.20	$194.00	$259.25	$253.50	$322.00

All bolts are oval-neck track head design to ASTM A-183, with heavy hex nuts to ASTM A-563, and are zinc plated to ASTM B-633.Two bolts per coupling. Spare parts available on page 12.

Reducing Coupling Fig. 7010† (Coupling Complete "E" Gasket)

†When ordering, refer to product as FP7010.

For listing/approval details contact your Gruvlok Representative.



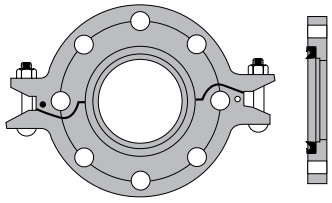
NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
2 x 1½	3.20	$64.19	$78.02
2½ x 2	3.50	$83.99	$105.64
3 x 2	4.40	$95.94	$121.69
3 x 2½	4.10	$82.50	$105.64
4 x 2	8.90	$152.29	$192.99
4 x 2½	7.90	$136.62	$180.30
4 x 3	6.70	$127.68	$165.72
5 x 4	11.40	$172.47	$227.32
6 x 4	13.40	$260.57	$328.86
6 x 5	13.50	$228.08	$296.01
8 x 6	17.70	$390.48	$495.36

All bolts are oval-neck track head design to ASTM A-183, with heavy hex nuts to ASTM A-563, and are zinc plated to ASTM B-633. Spare parts available on page 12.

Gruvlok Flange Fig. 7012† (Coupling Complete "E" Gasket)

†When ordering, refer to product as FP7012.

For listing/approval details contact your Gruvlok Representative.

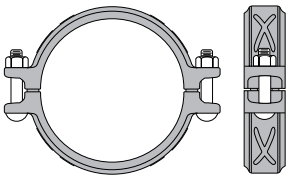


NOMINAL PIPE SIZE (INCHES)	PIPE OUTSIDE D IAMETER (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
			PAINTED	GALVANIZED
2*	2.375	3.10	$135.50	$157.75
2½	2.875	4.80	$158.75	$189.00
3*	3.500	5.30	$179.25	$237.75
4*	4.500	7.40	$233.50	$314.50
5	5.563	8.60	$281.75	$342.50
6*	6.625	9.90	$306.00	$373.00
8*	8.625	16.20	$385.25	$482.50

The Gruvlok Flange bolt hole pattern conforms to ANSI Class 150 and Class 125 flanges. Gruvlok Flange adapter insert required when mating to rubber surfaces or serrated faced mating flanges. Refer to Gruvlok Products Catalog or Anvil's Web site for more information on installing this flange. Mating flange bolts must be at least intermediate strength bolting per ASME B16.5. Bolts with material properties equal to or greater than SAE J429 Grade 5 are acceptable.

Rigidlite® Coupling Fig. 7400†

†When ordering, refer to product as FP7400.



For listing/approval details contact your Gruvlok Representative.

NOMINAL PIPE SIZE (INCHES)	PIPE OUTSIDE DIAMETER (INCHES)	APRX. WEIGHT EACH (LBS)	COUPLING COMPLETE WITH PRE-LUBRICATED GRADE E GASKET (TYPE A)		COUPLING COMPLETE WITH GRADE E FLUSH GAP™ GASKET	
			PAINTED	GALVANIZED	PAINTED	GALVANIZED
1¼	1.660	1.30	$28.00	$34.00	$43.00	$48.75
1½	1.900	1.40	$28.75	$35.00	$46.00	$53.50
2	2.375	1.60	$32.50	$39.00	$49.25	$57.50
2½	2.875	1.90	$37.50	$45.25	$58.50	$68.25
3	3.500	2.10	$43.50	$53.00	$63.25	$74.00
4	4.500	3.10	$61.50	$74.00	$89.75	$104.50
5	5.563	4.60	$88.00	$111.25	$152.00	$176.00
6	6.625	5.50	$106.00	$129.00	$168.75	$196.75
8	8.625	8.40	$178.00	$216.50	$273.75	$317.50

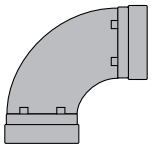
All bolts are oval-neck track head design to ASTM A-183, with heavy hex nuts to ASTM A-563, and are zinc plated to ASTM B-633. Two bolts per coupling. Spare parts available on page 12.

Standard Dimension Fittings

Standard 90° Elbows Fig. 7050S† for Fire Protection

†When ordering, refer to product as FP7050S.

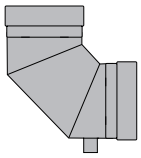
For listing/approval details contact your Gruvlok Representative.



NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
1¼	1.00	$29.50	$37.50
1½	1.20	$29.50	$37.50
2	1.70	$29.50	$37.50
2½	2.60	$39.25	$53.50
3	4.00	$49.75	$70.00
4	7.70	$74.50	$106.00
5	11.10	$183.75	$241.25
6	16.50	$215.50	$297.00
8	30.60	$424.25	$602.75

90° Drain Elbows Fig. 7050DR

For listing/approval details contact your Gruvlok Representative.

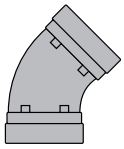


NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
2	2.76	$62.50	POA
2½	4.33	$62.50	$165.75
3	5.60	$71.25	$197.00
4	8.80	$79.75	$228.00
6	18.77	$106.25	$420.25
8	32.64	$185.00	POA

Standard 45° Elbows Fig. 7051† for Fire Protection

†When ordering, refer to product as FP7051.

For listing/approval details contact your Gruvlok Representative.

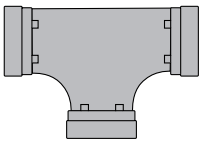


NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
1¼	0.70	$29.50	$37.50
1½	0.90	$29.50	$37.50
2	1.50	$29.50	$37.50
2½	1.90	$39.25	$53.50
3	3.30	$49.75	$70.00
4	5.40	$74.50	$106.00
5	9.00	$183.75	$241.25
6	11.20	$215.50	$297.00
8	19.80	$424.25	$602.50

Standard Tees Fig. 7060S† for Fire Protection Fitting

†When ordering, refer to product as FP7060S.

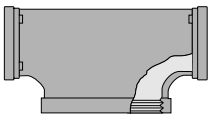
For listing/approval details contact your Gruvlok Representative.



NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
1¼	1.50	$45.00	$60.25
1½	1.80	$45.00	$60.25
2	2.40	$45.00	$60.25
2½	4.00	$60.50	$83.00
3	5.80	$84.75	$117.00
4	10.30	$129.50	$180.50
5	16.20	$303.50	$405.25
6	25.70	$350.50	$487.75
8	41.10	$747.00	$1,052.00

Bullhead Tees Fig. 7062 for Fire Protection Fitting

For listing/approval details contact your Gruvlok Representative.

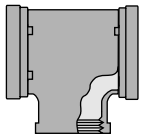


NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
5 x 5 x 8	31.00	$1,360.50	$1,714.75
6 x 6 x 8	37.60	$1,555.75	$1,923.50

***Fabricated steel.**
Additional sizes quoted on application.

Standpipe Tees Fig. 7065

For listing/approval details contact your Gruvlok Representative.



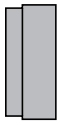
NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
4 x 4 x 2½	7.60	$252.00	$321.25
6 x 6 x 2½	11.20	$376.00	$468.50

***Fabricated steel.**
Additional sizes quoted on application.

Cap Fig. 7074†

†When ordering, refer to product as FP7074.

For listing/approval details contact your Gruvlok Representative.

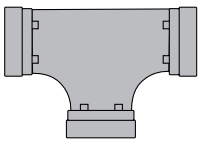


NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
1	-	POA	POA
1¼	0.50	$14.50	$22.50
1½	0.50	$15.00	$22.75
2	0.50	$17.75	$25.50
2½	0.70	$21.00	$28.75
3	1.10	$25.75	$34.00
4	2.80	$39.50	$54.25
5	4.00	$81.00	$111.25
6	6.00	$91.00	$126.25
8	12.50	$173.75	$239.00

Fire-Rite Tees Fig. 7460† Short Pattern Fitting

†When ordering, refer to product as FP7460.

For listing/approval details contact your Gruvlok Representative.

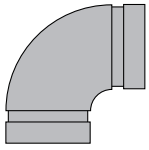


NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
2	2.48	$43.50	$54.50
2½	3.53	$58.25	$74.50
3	4.80	$81.00	$105.00
4	8.12	$123.50	$162.50
6	19.10	$333.25	$435.00
8	35.20	$709.75	$938.00

Fire-Rite 90° Elbows Fig. 7450† Short Pattern Fitting for Fire Protection

†When ordering, refer to product as FP7450.

For listing/approval details contact your Gruvlok Representative.

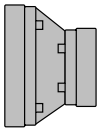


NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
2	1.71	$28.25	$36.50
2½	2.60	$38.00	$51.50
3	3.46	$50.00	$67.50
4	6.50	$73.25	$101.75
6	14.82	$205.25	$283.50
8	25.66	$403.25	$575.25

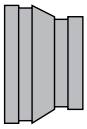
Concentric Reducer Fig. 7072, Groove by Groove (Gr x Gr)

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



(Cast)



(Weld)

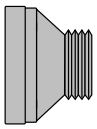
NOMINAL PIPE SIZE RUN (INCHES)	OUTLET (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
			PAINTED	GALVANIZED
1¼	x1*	0.60	$263.93	$291.16
1½	x1*	0.60	$64.58	$75.79
	x 1¼*	0.60	$64.58	$75.79
2	x1*	0.80	$64.58	$75.79
	x 1¼	1.30	$70.92	$83.24
	x 1½	1.30	$64.58	$75.79
2½	x1*	1.00	$406.89	$447.57
	x 1¼*	1.00	$64.58	$75.79
	x 1½*	1.30	$64.58	$75.79
	x2	1.60	$64.58	$75.79
3	x1*	1.20	$70.92	$86.23
	x 1¼*	1.30	$404.64	$453.90
	x 1½*	1.30	$77.64	$95.20
	x2	1.40	$56.75	$69.44
	x2½*	1.60	$77.64	$94.07
3½	x3*	1.50	$82.87	$99.66
4	x1	2.20	$85.10	$105.64
	x 1¼*	2.20	$668.55	$748.82
	x 1½*	2.30	$511.39	$559.56
	x2	2.40	$75.41	$93.33
	x2½	2.60	$94.07	$114.98
	x3	3.20	$94.07	$114.98
	x3½	3.60	$94.07	$114.98
5	x2	4.60	$940.68	$1,039.23
	x2½*	4.50	$730.15	$792.12
	x3*	4.40	$109.74	$135.52
	x4	4.50	$131.03	$164.25
6	x1*	6.80	$173.96	$216.87
	x 1½*	6.90	$1,002.50	$1,187.12
	x 2	6.00	$173.96	$216.87
	x2½*	6.00	$193.74	$238.16
	x3	5.40	$173.96	$216.87
	x4	5.60	$151.18	$196.74
	x5	6.00	$223.98	$279.60
8	x3*	12.00	$310.21	$387.47
	x4	9.00	$310.21	$389.34
	x5*	11.50	$310.21	$391.95
	x6	10.60	$395.31	$495.36

***Gruvlok fittings are full flow fittings made of ductile iron except those marked (*) which are fabricated steel.**

Concentric Reducer Fig. 7076, Groove by Thread (Gr x Thd)

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



(Weld)

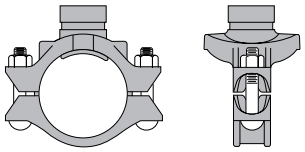
NOMINAL PIPE SIZE RUN (INCHES)	OUTLET (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
			PAINTED	GALVANIZED
1½	x1*	0.60	$66.81	$82.87
2	x¾*	1.00	$66.81	$82.87
	x 1	0.80	$66.81	$82.87
	x 1¼	1.30	$66.81	$82.87
	x 1½	1.30	$66.81	$82.87
2½	x1	1.00	$392.70	$418.83
	x 1¼*	1.00	$95.56	$118.33
	x 1½*	1.30	$100.05	$118.33
	x2	1.20	$66.81	$82.87
3	x ¾*	1.20	$491.25	$523.72
	x1*	1.20	$73.17	$88.10
	x 1¼	1.30	$78.93	$84.84
	x 1½*	1.30	$82.87	$99.30
	x2*	1.30	$82.87	$99.30
	x2½	1.50	$100.05	$118.33
4	x 1*	2.20	$94.82	$114.98
	x 1¼	2.20	$482.47	$494.79
	x 1½*	2.30	$534.92	$577.10
	x2*	2.40	$100.41	$121.31
	x2½	2.30	$101.53	$124.70
	x3	2.60	$123.93	$147.83
5	x4	4.50	$712.98	$775.70
6	x1*	6.00	$193.74	$238.16
	x 1½*	6.10	$174.38	$238.16
	x2	6.00	$193.74	$238.16
	x3	6.00	$193.74	$238.16
	x4	5.90	$193.74	$238.16
	x5	5.80	$193.74	$256.59
8	x3*	9.30	$316.91	$421.52
	x4	10.40	$316.91	$421.52
	x5*	11.60	$316.91	$426.51
	x6	11.90	$404.04	$539.18

***Fabricated Steel**
Reducer sizes not shown, will be priced on application.

Mechanical Tee Products Clamp-T®, Fig. 7046 Grooved Outlet

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



NOMINAL PIPE SIZE RUN (INCHES)	OUTLET (INCHES)	APRX. WEIGHT EACH (LBS)	COMPLETE WITH CLAMP-T GROOVED BRANCH PRICE EACH		BOLT & NUT SIZE (INCHES)
			PAINTED	GALVANIZED	
2½**	x 1¼	3.40	$75.79	$92.94	½ U-Bolt
	x 1½	3.40	$75.79	$92.94	½ U-Bolt
3	x 1¼	3.40	$79.13	$99.30	½ x 2¾
	x 1½	4.40	$79.13	$99.30	½ x 2¾
	x 2	4.60	$91.07	$113.84	½ x 2¾
4	x 1¼	4.20	$92.58	$108.64	½ x 2¾
	x 1½	4.30	$95.94	$121.31	½ x 2¾
	x 2	4.60	$95.94	$122.43	½ x 2¾
	x 2½	5.00	$100.05	$131.03	½ x 2¾
	x 3	5.60	$107.13	$138.12	½ x 3½
5	x 1¼	5.00	$111.85	$155.75	⅝ x 3¼
	x 1½	5.60	$117.59	$149.69	⅝ x 3¼
	x 2	5.50	$117.59	$149.69	⅝ x 3¼
	x 2½	5.80	$124.30	$158.65	⅝ x 3¼
	x 3	7.10	$132.51	$171.34	⅝ x 3¼
6	x 1¼	7.20	POA	POA	⅝ x 4¼
	x 1½	7.20	$120.21	$155.28	⅝ x 4¼
	x 2	7.80	$120.21	$155.28	⅝ x 4¼
	x 2½	7.60	$130.28	$168.36	⅝ x 4¼
	x 3	8.00	$138.49	$178.81	⅝ x 4¼
	x 4	10.40	$153.43	$200.07	⅝ x 4¼
8	x 2	10.40	$212.40	$268.77	¾ x 4¼
	x 2½	10.60	$212.40	$268.77	¾ x 4½
	x 3	11.50	$224.35	$284.81	¾ x 4½
	x 4	16.20	$231.06	$299.00	¾ x 4½

Clamp T's are available in Grade E Gasket or Grade T Buna on request.
All bolts and nuts are of track head design and are zinc plated conforming to physical properties of ASTM B-633.
****Clamp-T supplied with U-bolt lower housing.**

Mechanical Tee Products Clamp-T®, Fig. 7045 with Female Threaded Outlet

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.

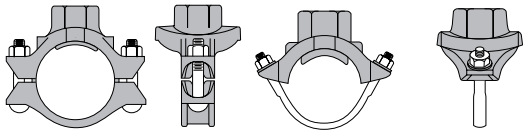


Fig. 7045 (U-Bolt)

NOMINAL PIPE SIZE RUN (INCHES)	OUTLET (INCHES)	APRX. WEIGHT EACH (LBS)	COMPLETE WITH CLAMP-T WITH "E" GRADE GASKET FEMALE THREADED OUTLET PRICE EACH		*BOLT & NUT SIZE
			PAINTED	GALVANIZED	
2	x ½**	3.00	$53.75	$67.56	½ U-Bolt
	x ¾**	2.90	$53.75	$67.56	½ U-Bolt
	x 1**	2.90	$53.75	$67.56	½ U-Bolt
	x 1¼**	4.00	$75.79	$77.28	½ U-Bolt
	x 1½**	3.90	$75.79	$77.28	½ U-Bolt
2½	x ½**	3.00	$53.75	$67.56	½ U-Bolt
	x ¾**	2.90	$53.75	$67.56	½ U-Bolt
	x 1**	2.90	$53.75	$67.56	½ U-Bolt
	x 1¼**	3.40	$75.79	$92.94	½ U-Bolt
	x 1½**	3.40	$75.79	$92.94	½ U-Bolt
3	x ½**	2.80	$61.97	$75.41	½ U-Bolt
	x ¾**	2.70	$61.97	$75.41	½ U-Bolt
	x 1**	2.70	$61.97	$75.41	½ U-Bolt
	x 1¼	3.40	$79.13	$99.30	½ x 2¾
	x 1½	4.40	$79.13	$99.30	½ x 2¾
	x 2	4.60	$91.07	$113.84	½ x 2¾
4	x ½**	2.90	$78.40	$93.70	½ U-Bolt
	x ¾**	2.80	$78.40	$93.70	½ U-Bolt
	x 1**	2.70	$78.40	$93.70	½ U-Bolt
	x 1¼	4.50	$92.58	$108.64	½ x 2¾
	x 1½	4.60	$95.94	$121.31	½ x 2¾
	x 2	5.20	$95.94	$121.31	½ x 2¾
	x 2½	5.20	$100.05	$131.03	½ x 2¾
	x 3	6.50	$107.13	$138.12	½ x 3½
5	x 1¼	5.40	$95.25	$155.75	⅝ x 3¼
	x 1½	5.50	$117.59	$149.69	⅝ x 3¼
	x 2	5.70	$117.59	$149.69	⅝ x 3¼
	x 2½	7.00	$124.30	$158.65	⅝ x 3¼
	x 3	8.70	$132.51	$171.34	⅝ x 3¼
6	x 1¼	7.80	$97.58	$161.72	⅝ x 4¼
	x 1½	7.80	$120.21	$155.28	⅝ x 4¼
	x 2	7.80	$120.21	$155.28	⅝ x 4¼
	x 2½	8.40	$130.28	$168.36	⅝ x 4¼
	x 3	9.60	$138.49	$178.81	⅝ x 4¼
	x 4	10.50	$153.43	$200.07	⅝ x 4¼
8	x 2***	10.90	$212.40	$268.77	¾ x 4¼
	x 2½	11.10	$212.40	$268.77	¾ x 4½
	x 3	13.00	$224.35	$284.81	¾ x 4½
	x 4	16.20	$231.06	$299.00	¾ x 4½

Clamp T's are available with grooved or female threaded outlet with Grade E or Grade T gasket. Weights are approximate and subject to change.
***All bolts and nuts are of track head design and are zinc plated conforming to physical properties of ASTM B-633.**
****Clamp-T supplied with U-bolt lower housing.**
*****Note: 8 x 2 is actually 8 x 2½ bushed down.**

Mechanical Tee Products
Clamp-T® Cross, Fig. 7047, Fig. 7048 and Fig. 7049

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.

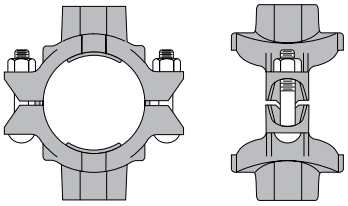


Fig. 7047 – Thread x Thread

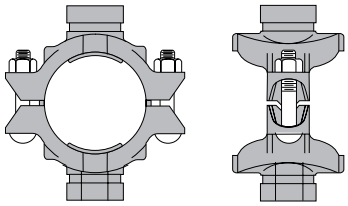


Fig. 7048 – Groove x Groove

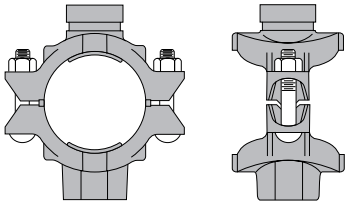


Fig. 7049 – Groove x Thread

NOMINAL PIPE SIZE RUN (INCHES)	OUTLET (INCHES)	COMPLETE WITH CLAMP-T CROSS WITH "E" GASKET PRICE EACH	
		PAINTED	GALVANIZED
2½	1 x 1*	$85.10	$110.12
	1 x 1¼*	$118.33	$153.06
	1 x 1½*	$118.33	$153.06
	1¼ x 1¼*	$118.33	$153.06
	1½ x 1¼*	$118.33	$153.06
	1½ x 1½*	$118.33	$153.06
3	1 x 1*	$95.94	$124.30
	1 x 1¼	$118.33	$148.57
	1 x 1½	$118.33	$148.57
	1 x 2	$138.05	$183.72
	1¼ x 1¼	$118.33	$148.57
	1½ x 1¼	$118.33	$148.57
	1½ x 1½	$118.33	$148.57
	2 x 1¼	$138.05	$183.72
	2 x 1½	$138.05	$183.72
	2 x 2	$138.05	$183.72
4	1 x 1*	$118.72	$153.80
	1 x 1¼	$139.10	$191.57
	1 x 1½	$145.29	$199.85
	1 x 2	$155.36	$215.24
	1¼ x 1¼	$143.72	$181.04
	1½ x 1¼	$143.72	$181.04
	1½ x 1½	$143.72	$181.04
	2 x 1¼	$143.72	$182.53
	2 x 1½	$153.80	$182.53
	2 x 2	$153.80	$182.53
	2½ x 2½	$153.80	$195.96
	3 x 3	$160.89	$207.55

NOMINAL PIPE SIZE RUN (INCHES)	OUTLET (INCHES)	COMPLETE WITH CLAMP-T CROSS WITH "E" GASKET PRICE EACH	
		PAINTED	GALVANIZED
5	1½ x 1½	$175.82	$224.35
	2 x 1½	$175.82	$224.35
	2 x 2	$175.82	$224.35
	2½ x 1½	$187.92	$256.38
	2½ x 2	$187.92	$256.38
	2½ x 2½	$185.90	$238.16
	3 x 1½	$200.98	$276.17
	3 x 2	$200.98	$276.17
	3 x 2½	$200.98	$276.17
	3 x 3	$198.97	$256.07
6	1½ x 1½	$182.24	$250.85
	2 x 1½	$180.30	$232.56
	2 x 2	$182.24	$250.85
	2½ x 2½	$195.23	$251.60
	3 x 2½	$207.18	$267.27
	3 x 3	$207.18	$267.27
	4 x 2½	$231.96	$323.19
	4 x 3	$231.96	$323.19
	4 x 4	$229.20	$299.37
8	2½ x 2½	$318.04	$402.40
	3 x 2½	$339.91	$460.78
	3 x 3	$335.59	$427.03
	4 x 2½	$349.62	$484.08
	4 x 3	$349.62	$484.08
	4 x 4	$346.40	$448.32

***Available with female threaded outlet only.**
****Only available in Fig. 7047 or Fig. 7049**

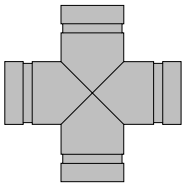
Always Verify Figure Number for Appropriate Combination of Outlets.

Always specify gasket grade when ordering. Some additional configurations available. Contact your Anvil rep for details.

Steel Cross Fig. 7068

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



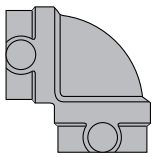
NOMINAL PIPE SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	PRICE EACH	
		PAINTED	GALVANIZED
1	1.30	$209.05	$241.16
1¼	2.10	$252.35	$294.14
1½	2.50	$271.76	$315.42
2	2.90	$154.16	$184.03
2½	5.20	$154.16	$184.03
3	7.50	$276.23	$338.56
3½	9.80	$556.20	$664.07
4	12.20	$459.15	$565.14
5	17.60	$936.95	$1,130.31
6	28.30	$1,204.59	$1,461.42
8	48.00	$1,586.46	$1,963.10

Sock-It® Fittings

Sock-It® 90° Straight Elbow Fig. 7100

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



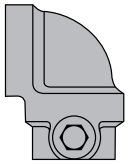
NOMINAL RUN SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	CARTON QUANTITY	PRICE PER UNIT "E" GASKET BLACK
1	1.90	30	$34.75
1¼	2.30	30	$40.75
1½	2.70	20	$44.75
2	4.00	10	$52.75

Provided in carton quantity only.
Grade E gaskets unless otherwise specified.

Sock-It® Reducing Elbow Fig. 7101

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



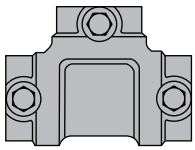
NOMINAL RUN SIZE (INCHES)	OUTLET (INCHES)	APRX. WEIGHT EACH (LBS)	CARTON QUANTITY	PRICE PER UNIT "E" GASKET BLACK
1	x ½	1.70	45	$41.75
	x ¾	1.60	45	$41.75
	x 1	1.50	45	$41.75
1¼	x ½	2.20	30	$43.00
	x ¾	2.10	30	$43.00
	x 1	2.00	30	$43.00
1½	x ½	2.50	30	$44.50
	x ¾	2.40	30	$44.50
	x 1	2.30	30	$44.50

Provided in carton quantity only.
Grade E gaskets unless otherwise specified.

Sock-It® Straight Tee Fig. 7103

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



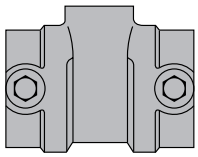
NOMINAL RUN SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	CARTON QUANTITY	PRICE PER UNIT "E" GASKET BLACK
1	2.30	20	$53.75
1¼	2.90	15	$56.75
1½	3.40	15	$66.25
2	5.60	10	$69.50

Provided in carton quantity only.
Grade E gaskets unless otherwise specified.

Sock-It® Reducing Outlet Tee Fig. 7105

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



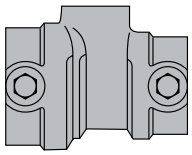
NOMINAL RUN SIZE (INCHES)	OUTLET (INCHES)	APRX. WEIGHT EACH (LBS)	CARTON QUANTITY	PRICE PER UNIT "E" GASKET BLACK
1 x 1	x ½	2.00	30	$32.75
	x ¾	1.90	30	$32.75
	x 1	1.90	30	$32.75
1¼ x 1¼	x ½	2.20	30	$32.75
	x ¾	2.20	30	$32.75
	x 1	2.00	30	$32.75
1½ x 1½	x ½	2.70	25	$34.50
	x ¾	2.60	25	$34.50
	x 1	2.50	25	$34.50
2 x 2	x ½	3.50	15	$42.25
	x ¾	3.40	15	$42.25
	x 1	3.30	15	$42.25
2½ x 2½	x ¾	5.20	5	$56.75
	x1	5.00	5	$56.75

Provided in carton quantity only.
Grade E gaskets unless otherwise specified.

Sock-It® Reducing Run Outlet Tee Fig. 7106

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



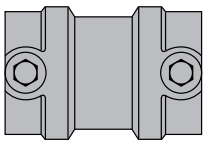
NOMINAL RUN SIZE (INCHES)	OUTLET (INCHES)	APRX. WEIGHT EACH (LBS)	CARTON QUANTITY	PRICE PER UNIT "E" GASKET BLACK
1¼	x1 x ½	2.10	30	$35.00
	x1 x ¾	2.10	30	$35.00
	x1 x 1	2.00	30	$35.00
1½	x1¼ x ½	2.50	25	$37.00
	x1¼ x ¾	2.40	25	$37.00
	x1¼ x 1	2.20	25	$37.00
2	x1½ x ½	3.10	15	$45.00
	x1½ x ¾	3.10	15	$45.00
	x1½ x 1	3.00	15	$45.00

Provided in carton quantity only.
Grade E gaskets unless otherwise specified.

Sock-It® Coupling Fig. 7107

FM APPROVED c UL us

For listing/approval details contact your Gruvlok Representative.



NOMINAL RUN SIZE (INCHES)	APRX. WEIGHT EACH (LBS)	CARTON QUANTITY	PRICE PER UNIT "E" GASKET BLACK
1	1.70	50	$31.50
1¼	1.90	30	$31.50
1½	2.10	25	$39.25
2	2.90	20	$39.25

Provided in carton quantity only.
Grade E gaskets unless otherwise specified.

Spare Parts

For use with Fig. 7000 and 7400 Coupling
(Pre-Lubricated Grade E Type A Gasket)

NOMINAL PIPE SIZE (INCHES)	SPARE PARTS TYPE A GASKET ONLY
1¼	$21.00
1½	$22.00
2	$23.00
2½	$28.00
3	$31.75
4	$39.25
5	$52.50
6	$58.25
8	$83.50

Pre-Lubricated Gaskets are non-cancellable and non-returnable.

Reducing Coupling Fig. 7010 (Grade "E" Gasket) Loose

NOMINAL PIPE SIZE (INCHES)	SPARE PARTS "E" GASKET ONLY PRICE EACH
2 x 1½	$20.17
2½ x 2	$26.51
3 x 2	$31.35
3 x 2½	$31.35
4 x 2	$35.83
4 x 2½	$36.21
4 x 3	$38.09
5 x 4	$44.43
6 x 4	$50.76
6 x 5	$55.25
8 x 6	$61.22

Gaskets are non-cancellable and non-returnable.

Sock-It® Fittings Spare Parts

NOMINAL RUN SIZE (INCHES)	PRICE EACH	
	GASKET	BOLT
1	$8.50	$3.75
1¼	$10.00	$3.75
1½	$11.75	$3.75
2	$12.50	$3.75
2½	$15.25	$3.75

Gaskets are non-cancellable and non-returnable.

Standard Gaskets for Fire Protection

GRADE	TEMPERATURE RANGE	COMPOUND	COLOR CODE	*GENERAL SERVICE APPLICATION
E	-40˚F to +230˚F (-40˚C to +110˚C)	EPDM	Green	Water, dilute acids, alkalies, salts and many chemical services not involving hydrocarbons, oils or gases. Excellent oxidation resistance. NOT FOR USE WITH HYDROCARBONS
E (type A)	-40˚F to +150˚F (-40˚C to +65˚C)	Pre-Lubricated	Violet	Wet and Dry (oil free air) pipe fire protection sprinkler systems. For dry pipe systems, Gruvlok Xtreme™ Lubricant is required.

*Contact Anvil for specific service recommendations. **SPECIFY GASKET GRADE WHEN ORDERING.**
Use Gruvlok lubricant on gaskets. Check gasket color code to be certain it is recommended for the service intended.
Additional gasket compounds and configurations are available - contact Anvil.

LUBRICANTS	
STANDARD LUBRICANT	PRICE
4 ½ oz. Tube	$26.59/tube
Carton (w/12 Packs, 144 Tubes)	$3,156.76/carton
2LB Tub Std Gruvlok Lubricant	$136.47/tub
5 Gallon Pail	$1,153.29/pail
QUICK DRY LUBRICANT	
1 Quart Can	$146.32
1 Gallon Pail	$248.08
XTREME LUBRICANT (SILICONE)	
10 oz. Tube (1 each)	$67.61
2.2 lb. Tub (Gruvlok Lubricant)	$238.03

STANDARD LUBRICANT USAGE GUIDE		
	NUMBER OF GASKETS	
SIZE OF GASKET	PER TUBE	PER QUART
2"	55	400
3"	45	300
4"	25	200
6"	20	130
8"	15	100
10"	10	85
12"	9	60
14"	7	50
16"	6	40
18"	5	35
20"	4	30
24"	3	20

XTREME LUBRICANT USAGE GUIDE	
SIZE OF GASKET	NUMBER OF GASKETS PER QUART
2"	1,200
3"	900
4"	600
6"	390
8"	300
10"	255
12"	180
14"	150
16"	120
18"	105
20"	90
24"	60

Cross Reference

DESCRIPTION	GRUVLOK®	ANVIL/SPF™	VICTAULIC®	GRINNEL (CENTRAL®)
Rigid Coupling	7400	C-4	005	572
Light Weight Coupling	7000	C-3, C-1	75	575
Reducer Coupling	7010	RC-1	750	716
Standard 90° Elbow	7050S/7050	E-1	10	510
Standard 45° Elbow	7051FP/7051	E-2	11	501
Standard 22½° Elbow	7052	E-3 (SW)	12	312
Standard 11¼° Elbow	7053	E-4 (SW)	13	313
Standard Reducer Tee	7061	T-2 (SW)	25	321 (SW)
Straight Tee with Thread Outlet	7063	N/A	29M	320 (SW)
Reducing Tee with Thread Outlet	7064	T-3 (SW)	29T	323 (SW)
Concentric Reducer	7072	R-1 (SW)	50	350 (SW)
Concentric Reducer with Thread Outlet	7076	R-3 (SW)	52	372 (SW)
Eccentric Reducer	7073	R-2 (SW)	51 (SW)	351 (SW)
Drain Elbow	7050DR	E-9	10DR	N/A
Short Pattern 90° Elbow	7450	SE-1	001	N/A
Short Pattern Straight Tee	7460	ST-1	002	N/A
Bullhead Tee	7062	N/A	21	N/A
Standpipe Tee	7065	N/A	27	N/A
Fire Grooved Cap	7074	SK-1/K-1	006	260
Cross	7068	X-1	N/A	N/A
Thread Mechanical Tee	7045	MT-1	920	730
Groove Mechanical Tee	7046	MT-2	920	730
Sprinkler Outlet Tee (U-Bolt)	7044	MT-3	921, 925	40-5
Groove Flange Adapter	7012FP	SF-1/F-1	744	71
Flange/Groove Nipple	7083	F-2 (SW)	41	341/142
Plain-End Coupling	7005	N/A	90	N/A
Outlet Coupling	7042	N/A	72	N/A

TM - Thread Male
TF - Thread Female
SW - Segmented Welded Fitting – not available in cast ductile fitting.

– NOTES –

– NOTES –

ANVIL®
INTERNATIONAL
Building Connections That Last

Corporate Offices

110 Corporate Drive, Suite 10
P.O. Box 3180
Portsmouth, NH 03802-3180

Tel: 603-422-8000
Fax: 603-422-8033

E-mail: webmaster@anvilintl.com

Anvil International Worldwide Customer Service Center

Tel: 708-885-3000
Fax: 708-534-5441

U.S. REGIONAL SERVICE CENTERS

Northern Region
Regional Distribution & Customer Service Center

SERVICING: Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Nebraska, North and South Dakota, Ohio, West Pennsylvania, West Virginia, Wisconsin

750 Central Avenue
University Park, IL 60484

Tel: 708-885-3000
Fax: 708-534-5441
Toll Free: 1-800-301-2701

Southern Region
Regional Distribution & Customer Service Center

SERVICING: Alabama, Arkansas, Kansas, Louisiana, Mississippi, Missouri, Oklahoma, Tennessee, Texas

1401 Valley View Lane, Suite 150
Irving, TX 75061

Tel: 972-343-9206
Fax: 972-641-8946
Toll Free: 1-800-451-4414

Eastern Region
Regional Distribution Center

SERVICING: Connecticut, Delaware, Florida, Georgia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North and South Carolina, East Pennsylvania, Rhode Island, Vermont, Virginia

800 Malleable Road
Columbia, PA 17512

Western Region
Regional Distribution Center

SERVICING: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

1385 Greg Street
Sparks, NV 89431

CANADA SERVICE CENTER

Anvil International Canada
Customer Service Center

390 Second Avenue
P.O. Box 40
Simcoe, Ontario N3Y 4K9

Tel: 519-426-4551
Fax: 519-426-5509

INTERNATIONAL SALES

Europe and Middle East Region

Rick van Meesen, Sales Director
rvanmeesen@anvilintl.com

Tormentil 15
7483 BR Haaksbergen
The Netherlands

Tel: +31-53-5725570
Fax: +31-53-5725579

U.S. Customer Service
Tel: +1-708-885-3000
Fax: +1-708-534-5441

Mexico, Puerto Rico and Latin America

Abraham Quijada, Sales Manager

Tel: +1-281-590-4600

U.S. Customer Service
Tel: +1-708-885-3000
Fax: +1-708-534-5441

#613A / Printed in USA / ©2010
Revisions: January 26, 2009

B U I L D I N G C O N N E C T I O N S T H A T L A S T

GRUVLOK · SPF/ANVIL · Catawissa PERFORMANCE UNDER PRESSURE · AnvilStar Fire Products Division of Anvil International · JBS · CANVIL · MERIT · BECK · ANVIL-STRUT A BRAND OF ANVIL INTERNATIONAL

www.anvilintl.com