

Effective Date 3/4/2011

tyco

Fire Protection Products

U. S. List Prices

for

Grooved Piping

All products furnished by Tyco Fire Protection Products (hereinafter "Seller") shall be in accordance with the following terms and conditions unless otherwise stated in writing:

ACCEPTANCE AND COMPLETE AGREEMENT - Buyer's order is binding only when accepted in writing at the principal office of Seller. The terms and conditions of sale are only those stated below, which shall constitute the complete agreement between the parties and may not be altered or modified except in writing duly executed by each party. The parties agree there are no agreements between the parties, oral or written, with respect to the products sold hereunder (including any made or implied from past dealings) except as expressed herein. No terms and conditions stated in or attached to Buyer's communications to Seller, including but not limited to Buyer's purchase orders, the terms of which are hereby rejected, are applicable to these terms and conditions in any way and are not to be considered Buyer's exceptions to the provisions of these terms and conditions. Trade custom, trade usage and past performance are superseded by these terms and conditions and shall not be used to interpret these terms and conditions.

DELIVERY – Delivery dates are estimates only and are not guaranteed. Seller will use every *commercially reasonable* effort to make shipments as scheduled and may make partial shipments.

EXPORTATION - If the products ordered are to be exported from the United States, the quoted shipping dates are subject to receipt of all export documents and authorizations. Regardless of ultimate destination, the prices quoted are based on packing for domestic shipment unless otherwise stated in writing. Buyer agrees to provide Seller in writing with the ultimate destination and identity of the end-user prior to shipment if the products are to be exported. These commodities, technology or software shall be exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited. Domestic Destinations – The Buyer of items shipping to USA destinations is solely responsible for complying with applicable U.S. export laws.

PRICES - Prices quoted, unless otherwise stated in writing, do not include sales, use, excise or similar taxes or duties. Buyer shall pay these taxes directly if the law permits or will reimburse Seller if it is required to pay them. Buyer will provide tax exemption certificates or evidence of tax payment on request. Unless otherwise stated, prices are valid for 60 days and for the delivery date specified in the quotation. Revisions to the desired delivery date by the Buyer and delays not due to Seller's negligence may be subject to escalation of prices at Seller's sole discretion.

For direct and indirect U.S. government contracts only, all Products and Services provided by Seller shall be considered "commercial items" as defined in FAR Part 2, 2.101 and in accordance with FAR 52.244-6. If the reasonableness of the price cannot be established, if cost or pricing data is required for any other reason, or if the Products or Services cannot be considered "commercial items," Seller may cancel the Contract without liability.

PAYMENT - Standard payment terms are net thirty (30) days from date of invoice. In the event credit has not been established Seller reserves the right to require payment, or the issuance of an irrevocable letter of credit, in advance of shipment. Any amounts not paid when due shall bear interest at the rate of 1 1/2% per month or at the highest rate permitted by law (whichever is less), from the date of shipment until paid. Seller reserves a purchase money security interest in each product shipped, which will be satisfied by payment in full. Seller has the right to file a copy of this document as a financing statement.

SOLVENCY - Buyer's order will be deemed a representation that Buyer is solvent and able to pay for the products ordered. If Buyer fails to make payments when due or if bankruptcy or insolvency proceedings are instituted by or against Buyer, or if Buyer makes an assignment for the benefit of creditors, Buyer will be deemed to be in default and Seller will have the right to terminate its obligations by written notice to Buyer, but such termination will not affect Buyer's obligation to pay for products delivered and works in progress.

CANCELLATION - No products may be returned without prior written approval of Seller. Orders placed with and accepted by Seller may not be canceled except upon Seller's written consent prior to shipment and Buyer's acceptance of Seller's cancellation charges which shall protect Seller against all costs and losses. Seller reserves the right to cancel any sale hereunder in Seller's sole discretion without liability to Buyer (except for refund of monies already paid).

MANUFACTURE - Seller reserves the right to discontinue the manufacture of, or change or modify the design and/or construction of the products sold pursuant to these terms and conditions, without incurring any obligation to Buyer.

JURISDICTION AND DISPUTES - These terms and conditions shall be governed in accordance with the law of the Commonwealth of Pennsylvania. All disputes under these terms and conditions shall be resolved by the state or federal courts of the Commonwealth of Pennsylvania and the parties all consent to the jurisdiction of such courts, agree to accept service process by mail, and hereby waive any jurisdiction or venue defenses otherwise available.

INSPECTION - All products must be inspected within five (5) calendar days of receipt. If any damage is discovered, a claim must be filed with the carrier. A full report of the damage must be forwarded to Seller so that it can arrange for repair or replacement.

TITLE –Unless otherwise provided on the face hereof, all products furnished hereunder will be shipped “Ex-Works (EX-W),” and title in, risk of loss, and the right of possession to such goods shall pass to the Buyer upon the Seller’s delivery to carrier at Seller’s shipping facility, and Seller is not responsible for damage or loss in transit, regardless of whether or not Buyer may have the right to reject or revoke acceptance of said products. Seller can arrange for in-transit insurance at Buyer’s expense, but will not do so without Buyer’s written instructions. Unless otherwise stated in contract documents, all goods will be shipped freight prepaid and billed. Charges for shipping may not reflect net transportation cost paid by the Seller.

WARRANTY – Unless otherwise stated in quotation documents or product literature provided with the product at the time of sale, products manufactured by Tyco Fire Protection Products (TFPP) are warranted solely to the original Buyer for eighteen months (18) months from date of shipment or one (1) year from date of installation against defects in material and workmanship when paid for and properly installed and maintained under normal use and service. In all cases, this warranty will expire not later than ten (10) years from date of shipment by TFPP. Warranty will be immediately voided by substitution of non-TFPP provided parts. No warranty is given for products or components manufactured by companies not affiliated by ownership with TFPP or for products and components which have been subject to misuse, improper installation, corrosion, or which have not been installed, maintained, modified or repaired in accordance with applicable Standards of the National Fire Protection Association, and/ or the standards of any other Authorities Having Jurisdiction. Materials found by TFPP to be defective shall be either repaired or replaced, at TFPP’s sole option. TFPP neither assumes, nor authorizes any person to assume for it, any other obligation in connection with the sale of products or parts of products. Seller shall not be responsible for sprinkler system design errors or inaccurate or incomplete information supplied by Buyer or Buyer’s representatives.

In no event shall TFPP be liable, in contract, tort, strict liability or under any other legal theory, for incidental, indirect, special or consequential damages, including but not limited to lost profits and labor charges, regardless of whether TFPP was informed about the possibility of such damages, and in no event shall TFPP’s liability exceed an amount equal to the sales price.

THE FOREGOING WARRANTY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

This limited warranty sets forth the exclusive remedy for claims based on failure of or defect in products, materials or components, whether the claim is made in contract, tort, strict liability or any other legal theory.

This warranty will apply to the full extent permitted by law. The invalidity, in whole or part, of any portion of this warranty will not affect the remainder.

COMPLIANCE WITH LAWS, CODES, AND STANDARDS - Seller represents that the Products will be produced in compliance with applicable fair labor standards laws, occupational safety and health laws, and laws related to nonsegregation and equal employment opportunity. Warranties for design services and the accuracy of any materials list provided by Seller shall be limited only to those codes, standards or specification requirements specifically stated in Seller’s quotation documents or transmittal sheets or accepted change order or revisions and only as in effect at the time of quotation or Seller accepted change revisions. The Contract price, delivery and performance dates and any performance guarantees will be equitably adjusted to reflect additional costs or obligations incurred by Seller resulting from a change in industry specifications, codes, standards, applicable laws or regulations.

DRAWINGS - Any drawings submitted herewith are only to show the general style, arrangement, and approximate dimensions of the products offered. No work is to be based on drawings unless the drawings are certified. In no event will manufacturing or proprietary drawings be supplied.

CONFIDENTIALITY - Buyer agrees that all drawings, prints and other technical material which Seller provides to Buyer, whether prepared by Seller or by third parties under contract to Seller, contain data which embody trade secrets and confidential know-how of commercial value to Seller or third parties under contract to Seller. Buyer agrees (a) to keep such information confidential; (b) that it will not disclose such information to any other person, corporate division or entity; (c) will not use such information except in connection with the products supplied hereunder; and (d) will not sell, lease, loan or permit any other person, corporate division or entity to use such information for any purpose, without Seller’s prior written consent. Nothing herein shall restrict the use of information generally available to the public.

PATENT INDEMNITY - If a product delivered by Seller to Buyer becomes or, in Seller’s opinion, may become the subject of any claim, suit or proceeding for infringement of any patent, Seller may at its option and expense (i) obtain for Buyer the right to use, lease or sell the product, (ii) replace the product, (iii) modify the product, or (iv) remove the product and refund the purchase price paid by Buyer less a reasonable amount for use, damage or obsolescence. Seller will not be liable for any infringement arising from any modification of a product, from any combination of a product with any product(s), or from the use of a product in practicing a process or unintended applications. Seller’s total liability to Buyer will not, under any circumstances exceed the purchase price paid for the allegedly infringing product. Buyer agrees, at its expense, to protect and defend Seller against any claim of patent infringement arising from compliance with Buyer’s designs, specifications or instructions and to hold Seller harmless from damages, costs and expenses attributable to any such claim.

INDEMNITY – Buyer agrees to defend, indemnify and hold the Seller (and its agents, representatives, employees, officers, related companies, successors and assigns, and customers) harmless from all claims, demands, actions, damages, and liabilities (including attorney’s fees and consequential and incidental damages) arising out of any injury (including death) to any person or damage to any property in any way connected with any act or omission of Buyer, its agents, employees, or subcontractors.

EXCUSABLE DELAYS - Seller shall not be liable nor in breach or default of its obligations under the Contract to the extent performance of such obligations is delayed or prevented, directly or indirectly, due to causes beyond its reasonable control, including, but not limited to, acts of God, fire, terrorism, war (declared or undeclared), epidemics, material shortages, insurrection, acts (or omissions) of Buyer or Buyer’s suppliers or agents, any act (or omission) by any governmental authority, strikes, labor disputes, transportation shortages, or vendor non-performance. The delivery or performance date shall be extended for a period equal to the time lost by reason of delay, plus such additional time as may be reasonably necessary to overcome the effect of the delay. If Seller is delayed by any acts (or omissions) of Buyer, or by the prerequisite work of Buyer’s other contractors or suppliers, Seller shall be entitled to an equitable price and performance adjustment.

WAIVER - No failure to exercise and no delay in exercising on the part of Seller any right, power or privilege hereunder will operate as a waiver thereof nor will any single or partial exercise of any right, power or privilege hereunder preclude further exercise of the same right, power or privilege.

VALIDITY OF PROVISIONS - In the event any provision or any part or portion of any provision of these Terms and Conditions shall be held to be invalid, void or otherwise unenforceable, such holding shall not affect the remaining part or portions of that provision, or any other provision hereof.

Additional Terms and Conditions of Sale

Return Goods Policy

1. The request to return material must include the description of material, reason for return, customer order number and/or customer invoice number to enable the request to be processed. No materials may be returned without this information.
2. When the request is approved, a Return Authorization form will be completed and include a predetermined number for reference and advise where the material should be returned. The Return Authorization form will contain a Packing list copy which must accompany materials when they are returned. Return Authorizations are valid for 30 days only from date of issue.
3. No credit will be issued for returned materials without an approved Return Authorization.
4. Materials being returned due to order entry and/or shipping errors on the part of TFPP will be credited at full value providing the materials are returned within 30 days from the date of the original shipment.
5. Credit of the actual price paid will be issued for defective materials only after the material has been inspected and verified to contain a defect by TFPP.
6. A 25% restocking charge and/or a \$25.00 minimum charge, whichever is greater, will be assessed for inspecting, handling and restocking the material, and the total credit will depend upon the resale value of the material. Returned freight will be at the customer’s expense.
7. Items purchased for resale by TFPP may be returned under the Manufacturer’s terms and conditions only. If the Manufacturer will not accept the materials, credit will not be issued by TFPP to the Buyer.
8. Special material orders and made-to-order products are non-returnable.
9. Credit will not be issued for discontinued items. Items no longer manufactured or items superseded by another model are defined as discontinued.
10. In order to receive consideration for credit, material must be returned less than 2 years from date of original invoice and of reasonable quantities.
11. To receive consideration for credit, material must be in resalable condition.
12. Material that has been approved for return must be packed in such a way as to prevent damage during shipment. The use of original packaging is preferred. Credit cannot be issued for materials damaged in transit due to improper packaging.

Minimum Billing

The Minimum Billing Policy is \$100.00 per Order.

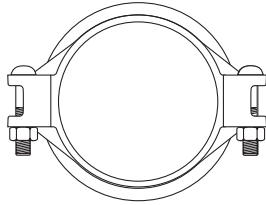
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*As used in this Table of Contents and Price Book, the designation “domestic” is meant to identify where the last point of manufacture or assembly takes place for a product. However, this designation does not represent compliance with any government regulatory standards or contract specifications and should not be relied upon for such purposes. You must request separate certifications or other representations concerning the specific regulatory standards or contract specifications which apply for your application.

In order to request regulatory or specification certifications/ representations please contact Tyco Trade Compliance at 215-362-0700 for assistance. In your request, please identify the part numbers and specific regulatory standards or contract specifications about which you are inquiring.

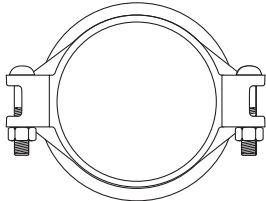
**#577 Import and Domestic – Rigid Coupling
with Grade “A” EPDM Fire Protection Pre-Lubricated Gasket**



Nom. Size	Painted				Galvanized			
	Import		Domestic		Import		Domestic	
	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
1"	–	–	57701ASC	\$24.00	–	–	57701AGSC	\$33.50
1 1/4"	57713ACP	\$21.75	57713ASC	\$26.75	57713AGCP	\$30.50	57713AGSC	\$37.25
1 1/2"	57715ACP	\$22.50	57715ASC	\$27.50	57715AGCP	\$31.50	57715AGSC	\$37.25
2"	57720ACP	\$24.00	57720ASC	\$30.00	57720AGCP	\$34.00	57720AGSC	\$42.00
2 1/2"	57725ACP	\$28.00	57725ASC	\$34.75	57725AGCP	\$39.50	57725AGSC	\$48.75
3"	57730ACP	\$32.75	57730ASC	\$40.00	57730AGCP	\$46.50	57730AGSC	\$57.50
4"	57740ACP	\$42.75	57740ASC	\$53.50	57740AGCP	\$60.50	57740AGSC	\$75.25
5"	57750ACP	\$74.75	57750ASC	\$92.00	57750AGCP	\$105.50	57750AGSC	\$130.00
6"	57760ACP	\$74.75	57760ASC	\$92.00	57760AGCP	\$105.50	57760AGSC	\$130.00
8"	57780ACP	\$127.00	57780ASC	\$153.50	57780AGCP	\$179.50	57780AGSC	\$220.50
10"	57710ACP	\$319.00	57710ASC	\$385.00	57710AGCP	\$399.75	57710AGSC	\$491.00
12"	57712ACP	\$391.25	57712ASC	\$472.00	57712AGCP	\$483.75	57712AGSC	\$594.00

Technical Data Sheet: TFP1854

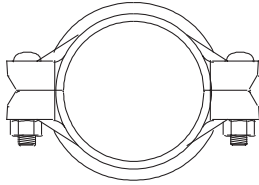
**#577 Domestic – Rigid Tri-Seal Coupling
with Grade “E” EPDM Tri-Seal Gasket Recommended for
Dry Pipe Systems and Freezer Applications – Use Silicone Lubricant**



Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
1"	57701E3S	POA	57701E3GS	POA
1 1/4"	57713E3S	\$33.50	57713E3GS	\$38.25
1 1/2"	57715E3S	\$33.50	57715E3GS	\$38.25
2"	57720E3S	\$36.25	57720E3GS	\$43.00
2 1/2"	57725E3S	\$42.50	57725E3GS	\$50.00
3" OD	57730E3MS	\$44.25	57730E3GMS	\$50.00
3"	57730E3S	\$46.75	57730E3GS	\$55.00
4"	57740E3S	\$66.00	57740E3GS	\$76.25
5"	57750E3S	\$122.00	57750E3GS	\$143.50
6"	57760E3S	\$122.00	57760E3GS	\$143.50
6 1/2" OD	57760E3MS	\$125.50	57760E3MGS	\$143.50
8"	57780E3S	\$193.00	57780E3GS	\$224.00
10"	57710E3S	\$386.50	57710E3GS	\$428.50
12"	57712E3S	\$485.00	57712E3GS	\$552.50

Technical Data Sheet: TFP1854

**#705 Import and Domestic – Flexible Coupling
with Grade “A” EPDM Fire Protection Pre-Lubricated Gasket**

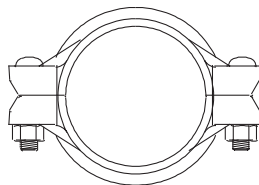


Nom. Size	Painted				Galvanized			
	Import		Domestic		Import		Domestic	
	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
1 1/4"	70513ACP	\$22.00	70513ASC	\$29.00	70513AGCP	\$30.50	70513AGSC	\$40.50
1 1/2"	70515ACP	\$22.50	70515ASC	\$29.00	70515AGCP	\$31.50	70515AGSC	\$40.50
2"	70520ACP	\$29.00	70520ASC	\$38.50	70520AGCP	\$42.50	70520AGSC	\$56.00
2 1/2"	70525ACP	\$34.00	70525ASC	\$44.50	70525AGCP	\$53.50	70525AGSC	\$69.00
3" O.D.	–	–	70530AMSC	\$52.00	–	–	70530AMGSC	\$77.50
3"	70530ACP	\$38.00	70530ASC	\$50.00	70530AGCP	\$59.50	70530AGSC	\$77.50
4"	70540ACP	\$51.00	70540ASC	\$75.00	70540AGCP	\$79.00	70540AGSC	\$115.00
5"	–	–	70550ESC	\$131.50	–	–	70550EGSC	\$205.00
6"	70560ACP	\$94.00	70560ASC	\$130.00	70560AGCP	\$147.00	70560AGSC	\$202.00
6 1/2" O.D.	–	–	70560AMSC	\$134.50	–	–	70560AMGSC	\$202.00
8"	70580ACP	\$166.50	70580ASC	\$223.50	70580AGCP	\$263.00	70580AGSC	\$350.00
10"	–	–	70510ESC	\$514.50	–	–	70510EGSC	\$718.50
12"	–	–	70512ESC	\$619.50	–	–	70512EGSC	\$870.50

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1820

**#705 Domestic – Flexible Tri-Seal Coupling
with Grade “E” EPDM Tri-Seal Gasket Recommended for
Dry Pipe Systems and Freezer Applications – Use Silicone Lubricant**

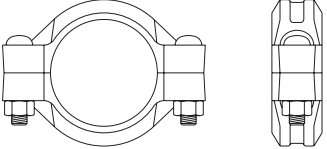


Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
1 1/4"	70513E3S	\$36.50	70513E3GS	\$41.25
1 1/2"	70515E3S	\$36.50	70515E3GS	\$41.25
2"	70520E3S	\$42.50	70520E3GS	\$61.75
2 1/2"	70525E3S	\$49.00	70525E3GS	\$76.00
3" O.D.	70530E3MS	\$57.25	70530E3MGS	\$85.25
3"	70530E3S	\$55.00	70530E3GS	\$85.25
4"	70540E3S	\$82.50	70540E3GS	\$126.50
5"	70550E3S	\$144.75	70550E3GS	\$225.50
6"	70560E3S	\$144.75	70560E3GS	\$225.50
6 1/2" O.D.	70560E3MS	\$148.00	70560E3MGS	\$225.50
8"	70580E3S	\$246.00	70580E3GS	\$385.00
10"	70510E3S	\$566.00	70510E3GS	\$790.50
12"	70512E3S	\$681.50	70512E3GS	\$957.75

Orders for items in shaded areas **cannot** be cancelled or returned.

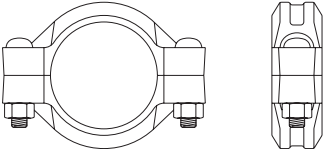
Technical Data Sheet: TFP1820

**#707 Domestic Heavy-Duty Flexible Coupling
with Grade "E" EPDM Gasket**

	Nominal Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
		1"	70701ES	\$33.50	70701EGS
1 1/2"	70715ES	\$48.00	70715EGS	\$63.00	
2"	70720ES	\$51.50	70720EGS	\$68.50	
2 1/2"	70725ES	\$60.00	70725EGS	\$84.50	
3"	70730ES	\$67.00	70730EGS	\$93.00	
4"	70740ES	\$96.50	70740EGS	\$136.50	
5"	70750ES	\$146.50	70750EGS	\$211.00	
6"	70760ES	\$173.50	70760EGS	\$249.50	
8"	70780ES	\$282.50	70780EGS	\$420.50	
10"	70710ES	\$460.50	70710EGS	\$660.00	
12"	70712ES	\$523.50	70712EGS	\$750.00	

Technical Data Sheet: TFP1840

**#707 Domestic Heavy-Duty Flexible Coupling
with Grade "E" EPDM Tri-Seal Gasket Recommended for
Dry Pipe Systems and Freezer Applications – Use Silicone Lubricant**

	Nominal Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
		1 1/2"	70715E3S	\$68.00	70715E3GS
2"	70720E3S	\$71.00	70720E3GS	\$89.00	
2 1/2"	70725E3S	\$86.50	70725E3GS	\$110.50	
3"	70730E3S	\$89.50	70730E3GS	\$116.50	
4"	70740E3S	\$129.50	70740E3GS	\$170.00	
5"	70750E3S	\$227.50	70750E3GS	\$295.00	
6"	70760E3S	\$251.50	70760E3GS	\$330.50	
8"	70780E3S	\$340.00	70780E3GS	\$466.50	
10"	70710E3S	\$546.50	70710E3GS	\$735.00	
12"	70712E3S	\$642.00	70712E3GS	\$845.00	

Orders for items in shaded areas **cannot** be cancelled or returned.

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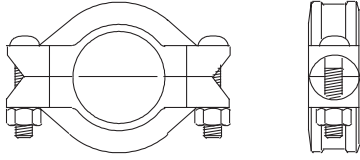
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**#716 Domestic – Reducing Coupling
with Grade “E” EPDM Non-Lubricated Gasket**

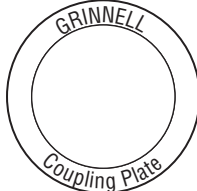
Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
2" x 1 1/2"	7162015ES	\$59.25	7162015EGS	\$85.75
2 1/2" x 2"	7162520ES	\$84.75	7162520EGS	\$118.00
3" x 2"	7163020ES	\$88.25	7163020EGS	\$145.50
3" x 2 1/2"	7163025ES	\$88.25	7163025EGS	\$145.50
4" x 2"	7164020ES	\$114.50	7164020EGS	\$165.50
4" x 2 1/2"	7164025ES	\$114.50	7164025EGS	\$165.50
4" x 3"	7164030ES	\$138.00	7164030EGS	\$200.00
5" x 4"	7165040ES	\$186.50	7165040EGS	\$268.50
6" x 4"	7166040ES	\$255.00	7166040EGS	\$333.00
6" x 5"	7166050ES	\$268.00	7166050EGS	\$370.50
8" x 6"	7168060ES	\$387.50	7168060EGS	\$558.50



Technical Data Sheet: TFP1830

#716 Reducing Coupling Plate

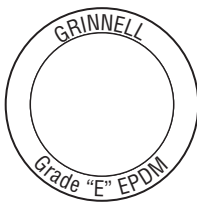
Nom. Size	Plate Part No.	List Price
2" x 1 1/2"	7162015W	\$36.75
2 1/2" x 2"	7162520W	\$36.75
3" x 2"	7163020W	\$56.50
3" x 2 1/2"	7163025W	\$56.50
4" x 2"	7164020W	\$60.00
4" x 2 1/2"	7164025W	\$60.00
4" x 3"	7164030W	\$60.00
5" x 4"	7165040W	\$60.00
6" x 4"	7166040W	\$82.00
6" x 5"	7166050W	\$82.00
8" x 6"	7168060W	\$112.00



Orders for items in shaded areas **cannot** be cancelled or returned.

Replacement Gaskets, Grade “E” EPDM Gasket for #716 Reducing Coupling

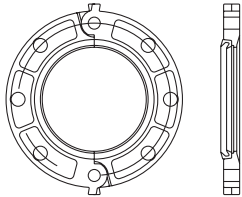
Nom. Size	Plate Part No.	List Price
2" x 1 1/2"	2015EPDME	\$25.50
2 1/2" x 2"	2520EPDME	\$33.50
3" x 2"	3020EPDME	\$38.00
3" x 2 1/2"	3025EPDME	\$38.00
4" x 2"	4020EPDME	\$44.00
4" x 2 1/2"	4025EPDME	\$44.50
4" x 3"	4030EPDME	\$46.50
5" x 4"	5040EPDME	\$54.00
6" x 4"	6040EPDME	\$61.50
6" x 5"	6050EPDME	\$67.00
8" x 6"	8060EPDME	\$74.50



Orders for items in shaded areas **cannot** be cancelled or returned.

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.


**#71 Domestic – Grooved Flange Adapter
with Grade “E” EPDM Non-Lubricated Gasket**

	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
			2"	7120S	\$110.50
	2½"	7125S	\$132.50	7125GS	\$153.50
	3"	7130S	\$146.50	7130GS	\$175.50
	4"	7140S	\$189.50	7140GS	\$231.00
	5"	7150S	\$230.50	7150GS	\$277.00
	6"	7160S	\$234.50	7160GS	\$307.50
	8"	7180S	\$310.00	7180GS	\$390.50
	10"	7110S	\$548.00	7110GS	\$792.50
	12"	7112S	\$792.50	7112GS	\$1,138.00

Orders for items in shaded areas **cannot** be cancelled or returned.

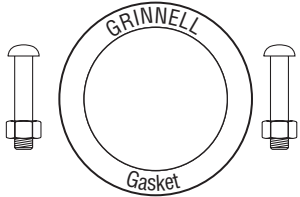
Technical Data Sheet: TFP1880

#71 Flange Adapter – Metal Washer

	Nom. Size	Washer Part No.	List Price
	2"	7120FWC	\$51.50
	2½"	7125FWC	\$62.25
	3"	7130FWC	\$62.25
	4"	7140FWC	\$75.50
	5"	7150FWC	\$84.25
	6"	7160FWC	\$97.25
	8"	7180FWC	\$150.50
	10"	7110FWC	\$194.50
	12"	7112FWC	\$207.50

Orders for items in shaded areas **cannot** be cancelled or returned.

#71 Flange Adapter – Nut, Bolt, and Gasket Kit

	Nom. Size	NBG Kit	List Price
	2"	50240	\$15.00
	2½"	50241	\$15.00
	3"	50242	\$15.00
	4"	50243	\$26.50
	5"	50248	\$40.50
	6"	50244	\$41.75
	8"	50245	\$46.25
	10"	50246	\$106.00
	12"	50247	\$116.50

Orders for items in shaded areas **cannot** be cancelled or returned.

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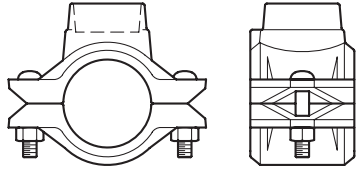
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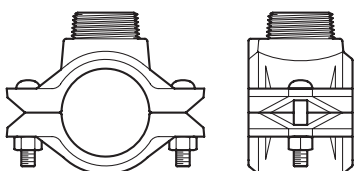
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#702 Import – Outlet Coupling
Grade “E” Gasket, Female Threaded End, Painted *

	<i>Nominal Size</i>	<i>Import Part Number</i>	<i>List Price</i>
	1½" x ½"	7021505FES	\$91.00
	1½" x ¾"	7021575FES	\$91.00
	1½" x 1"	7021501FES	\$91.00
	2" x ½"	7022005FES	\$93.00
	2" x ¾"	7022075FES	\$93.00
	2" x 1"	7022001FES	\$93.00
	2½" x ½"	7022505FES	\$143.00
	2½" x ¾"	7022575FES	\$143.00
	2½" x 1"	7022501FES	\$143.00
	3" x ¾"	7023075FES	\$138.00
	3" x 1"	7023001FES	\$182.50
	4" x ¾"	7024075FES	\$202.50
	4" x 1"	7024001FES	\$202.50
	4" x 1½"	7024015FES	\$287.50
	6" x 1"	7026001FES	\$406.50
6" x 1½"	7026015FES	\$406.50	

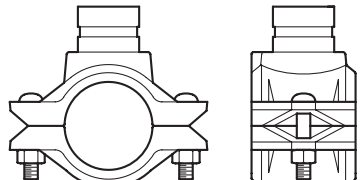
Orders for items in shaded areas **cannot** be cancelled or returned.
* Galvanized available upon request.

#702 Import – Outlet Coupling
Grade “E” Gasket, Male Threaded End, Painted *

	<i>Nominal Size</i>	<i>Import Part Number</i>	<i>List Price</i>
	2" x 1"	7022001MES	\$93.00
	2½" x 1¼"	7022513MES	\$161.50
	2½" x 1½"	7022515MES	\$182.50
	3" x 1"	7023001MES	\$182.50
	3" x 1½"	7023015MES	\$209.50
	4" x 1½"	7024015MES	\$287.50
	4" x 2"	7024020MES	\$287.50
	6" x 1½"	7026015MES	\$406.50
6" x 2"	7026020MES	\$406.50	

* Galvanized available upon request.

#702 Import – Outlet Coupling
Grade “E” Gasket, Grooved End, Painted *

	<i>Nominal Size</i>	<i>Import Part Number</i>	<i>List Price</i>
	2" x 1"	7022001GRVES	\$93.00
	2½" x 1¼"	7022513GRVES	\$161.50
	2½" x 1½"	7022515GRVES	\$182.50
	3" x 1"	7023001GRVES	\$182.50
	3" x 1½"	7023015GRVES	\$209.50
	4" x 1½"	7024015GRVES	\$287.50
	4" x 2"	7024020GRVES	\$287.50
	6" x 1½"	7026015GRVES	\$406.50
6" x 2"	7026020GRVES	\$406.50	

* Galvanized available upon request.

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

Replacement Gaskets

Nominal Size	Grade "A" Pre-Lube Fire Protection Gasket (for #772, #705, #577)		Tri-Seal Grade "E" EPDM Gasket (for #772, #705)		Grade "E" EPDM Gasket (for #71)	
	Part No.	List Price	Part No.	List Price	Part No.	List Price
1 1/4"	13EPDMAC	\$21.75	13EPDME3	\$25.75	—	—
1 1/2"	15EPDMAC	\$21.75	15EPDME3	\$26.00	—	—
2"	20EPDMAC	\$21.75	20EPDME3	\$26.25	7120EPDME	\$38.75
2 1/2"	25EPDMAC	\$28.00	25EPDME3	\$32.00	7125EPDME	\$45.00
3" O.D.	30EPDMAC	\$29.25	30EPDME3	\$32.75	—	—
3"	30EPDMAC	\$29.25	30EPDME3	\$36.75	7130EPDME	\$48.50
4"	40EPDMAC	\$37.75	40EPDME3	\$45.00	7140EPDME	\$57.25
5"	50EPDMEC	\$57.75	50EPDME3	\$60.75	7150EPDME	\$67.75
6"	60EPDMAC	\$53.50	60EPDME3	\$67.25	7160EPDME	\$79.25
6 1/2" O.D.	60EPDMAC	\$56.00	60EPDME3	\$68.00	—	—
8"	80EPDMAC	\$75.00	80EPDME3	\$88.25	7180EPDME	\$101.50
10"	10EPDMEC	\$131.00	10EPDME3	\$144.50	7110EPDME	\$122.50
12"	12EPDMEC	\$136.50	12EPDME3	\$150.50	7112EPDME	\$145.00

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1895

Coupling Nut and Bolt Kit

Nominal Size	Qty/Kit	Part No.	List Price
3/8" x 2 1/4"	2	NB37225	\$12.00
1/2" x 3"	2	NB50300	\$12.50
5/8" x 3 1/4"	2	NB62325	\$15.00
5/8" x 4 3/4"	2	NB62475	\$25.50
3/4" x 4 3/4"	2	NB75475	\$23.50
7/8" x 6 1/2"	2	NB87650	\$40.00
1" x 5 1/2"	3	NB10550	\$40.00
1" x 6 1/2"	2	NB10650	\$42.50
1 1/8" x 5 3/4"	4	NB12575	\$54.50

Orders for items in shaded areas **cannot** be cancelled or returned.

All standard couplings can be provided with stainless steel nuts and bolts upon request.


GRINNELL Gasket Lubricant

Size	Part Number	List Price
1 Quart	32005	\$16.25
GRINNELL Silicone Gasket Lubricant		
Recommended for use with Tri-Seal Gaskets. Dow Corning #DC No. 7. *		
Size	Part Number	List Price
5.30 oz. Tube	32037	\$97.00
8 lb. Can	32038	\$1,762.00

Orders for items in shaded areas **cannot** be cancelled or returned.

Silicone gasket lubricant is for use with Dry Pipe & Freezing Applications.

Pipe Tape Chrome Plated with GRINNELL Logo

Size	Part Number	List Price
		
1 Roll	PT1000	\$51.00

* Dow Corning is a trademark of Dow Corning Corporation.

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.
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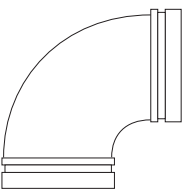
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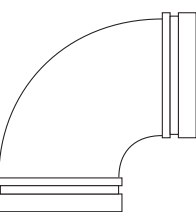
#510S Import and Domestic – Fire Protection Short Pattern Grooved 90° Elbow

	Nom. Size	Painted				Galvanized			
		Import		Domestic		Import		Domestic	
		Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	2"	510S20P	\$19.00	510S20S	\$26.00	510S20GP	\$29.75	510S20GS	\$36.00
	2½"	510S25P	\$27.50	510S25S	\$31.00	510S25GP	\$43.00	510S25GS	\$47.50
	3"	510S30P	\$37.75	510S30S	\$41.25	510S30GP	\$59.00	510S30GS	\$64.00
	4"	510S40P	\$54.75	510S40S	\$58.75	510S40GP	\$86.25	510S40GS	\$91.75
	6"	510S60P	\$155.00	510S60S	\$167.50	510S60GP	\$243.00	510S60GS	\$254.50
	8"	510S80P	\$305.50	510S80S	\$321.00	510S80GP	\$478.50	510S80GS	\$503.00

All elbows are cast fittings.

Technical Data Sheet: TFP1810

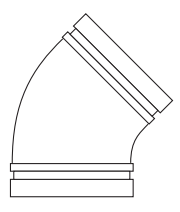
#510 Import and Domestic – Fire Protection Standard Pattern Grooved 90° Elbow

	Nom. Size	Painted				Galvanized			
		Import		Domestic		Import		Domestic	
		Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	1¼"	51013P	\$20.75	51013S	\$27.25	51013GP	\$32.25	51013GS	\$36.50
	1½"	51015P	\$20.75	51015S	\$27.25	51015GP	\$32.50	51015GS	\$36.50
	2"	51020P	\$22.00	51020S	\$29.75	51020GP	\$34.25	51020GS	\$42.75
	2½"	51025P	\$31.00	51025S	\$34.50	51025GP	\$48.75	51025GS	\$54.00
	3"	51030P	\$43.75	51030S	\$48.50	51030GP	\$68.25	51030GS	\$76.00
	4"	51040P	\$61.75	51040S	\$68.00	51040GP	\$97.00	51040GS	\$107.00
	5"	–	–	21050S	\$190.50	–	–	21050GS	\$298.50
	6"	51060P	\$174.00	51060S	\$190.50	51060GP	\$273.00	51060GS	\$298.50
	8"	51080P	\$348.50	51080S	\$382.00	51080GP	\$545.50	51080GS	\$598.00
	10"	51010P	\$702.50	21010S	\$824.00	51010GP	\$955.50	21010GS	\$1,208.00
	12"	51012P	\$1,283.00	21012S	\$1,503.00	51012GP	\$1,746.00	21012GS	\$1,929.00

All elbows are cast fittings.

Technical Data Sheet: TFP1810

#501 Import and Domestic – Fire Protection Standard Pattern Grooved 45° Elbow

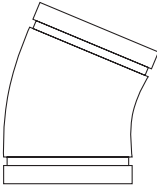
	Nom. Size	Painted				Galvanized			
		Import		Domestic		Import		Domestic	
		Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	1¼"	50113P	\$19.75	50113S	\$27.25	50113GP	\$31.25	50113GS	\$36.50
	1½"	50115P	\$20.75	50115S	\$27.25	50115GP	\$32.25	50115GS	\$36.50
	2"	50120P	\$22.75	50120S	\$29.75	50120GP	\$36.25	50120GS	\$42.75
	2½"	50125P	\$31.00	50125S	\$34.50	50125GP	\$48.50	50125GS	\$54.00
	3"	50130P	\$42.75	50130S	\$48.50	50130GP	\$66.75	50130GS	\$76.00
	4"	50140P	\$60.25	50140S	\$68.00	50140GP	\$95.00	50140GS	\$107.00
	5"	–	–	20150S	\$190.50	–	–	20150GS	\$298.50
	6"	50160P	\$169.00	50160S	\$190.50	50160GP	\$265.50	50160GS	\$298.50
	8"	50180P	\$337.50	50180S	\$382.00	50180GP	\$529.00	50180GS	\$598.00
	10"	50110P	\$702.50	20110S	\$824.00	50110GP	\$955.50	20110GS	\$1,208.00
	12"	50112P	\$1,283.00	20112S	\$1,503.00	50112GP	\$1,746.00	20112GS	\$1,929.00

All elbows are cast fittings.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#512 Domestic – Grooved 22 1/2° Elbow

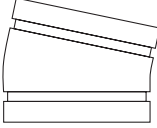
	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
		1 1/4" *	51213S	\$59.00	51213GS
1 1/2" *	51215S	\$59.00	51215GS	\$75.25	
2" *	51220S	\$59.00	51220GS	\$75.25	
2 1/2" *	51225S	\$59.00	51225GS	\$75.25	
3" *	51230S	\$85.25	51230GS	\$108.00	
4" *	51240S	\$113.50	51240GS	\$147.00	
5" *	51250S	\$353.00	51250GS	\$421.50	
6" *	51260S	\$319.50	51260GS	\$407.00	
8" *	51280S	\$666.00	51280GS	\$827.50	
10"	75559	\$1,102.00	75579	\$1,786.00	
12"	75560	\$1,115.00	75580	\$2,411.00	

Elbow is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#511 Domestic – Grooved 11 1/4° Elbow

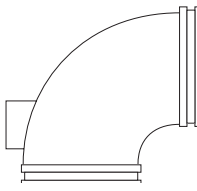
	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
		1 1/4" *	51113S	\$59.00	51113GS
1 1/2" *	51115S	\$59.00	51115GS	\$75.25	
2" *	51120S	\$137.50	51120GS	\$161.00	
2 1/2" *	51125S	\$137.50	51125GS	\$161.00	
3" *	51130S	\$85.25	51130GS	\$106.50	
4" *	51140S	\$105.00	51140GS	\$140.00	
5" *	51150S	\$349.50	51150GS	\$411.00	
6" *	51160S	\$386.00	51160GS	\$386.00	
8" *	51180S	\$569.00	51180GS	\$676.50	
10"	75309	\$1,102.00	75315	\$1,786.00	
12"	75310	\$1,488.00	75323	\$2,411.00	

Elbow is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#510DE Domestic – 90° Elbow with 1" Outlet

	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
		2"	51020DS	\$110.00	-
2 1/2" *	51025DS	\$110.00	51025DGS	\$142.00	
3" *	51030DS	\$120.00	51030DGS	\$199.00	
4" *	51040DS	\$139.00	51040DGS	\$230.50	
6" *	51060DS	\$198.50	51060DGS	\$329.50	
8" *	51080DS	\$335.50	51080DGS	\$558.50	

Elbow is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

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#519S Import and Domestic – Fire Protection Short Pattern Grooved Tee

Nom. Size	Painted				Galvanized			
	Import		Domestic		Import		Domestic	
	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
2"	519S20P	\$29.75	519S20S	\$37.25	519S20GP	\$46.25	519S20GS	\$51.75
2½"	519S25P	\$43.50	519S25S	\$47.00	519S25GP	\$67.75	519S25GS	\$68.50
3"	519S30P	\$61.00	519S30S	\$66.00	519S30GP	\$95.50	519S30GS	\$96.25
4"	519S40P	\$93.25	519S40S	\$101.00	519S40GP	\$146.50	519S40GS	\$148.00
6"	519S60P	\$228.50	519S60S	\$271.50	519S60GP	\$358.50	519S60GS	\$398.00
8"	519S80P	\$537.50	519S80S	\$578.00	519S80GP	\$843.00	519S80GS	\$846.50

All tees are cast fittings.

Technical Data Sheet: TFP1810

#519 Import and Domestic – Fire Protection Standard Pattern Grooved Tee

Nom. Size	Painted				Galvanized			
	Import		Domestic		Import		Domestic	
	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
1¼"	51913P	\$25.75	51913S	\$41.50	51913GP	\$37.75	51913GS	\$48.75
1½"	51915P	\$25.75	51915S	\$41.50	51915GP	\$37.75	51915GS	\$48.75
2"	51920P	\$38.25	51920S	\$44.25	51920GP	\$55.50	51920GS	\$61.50
2½"	51925P	\$50.50	51925S	\$55.75	51925GP	\$71.75	51925GS	\$81.50
3"	51930P	\$71.00	51930S	\$78.50	51930GP	\$104.00	51930GS	\$114.50
4"	51940P	\$109.50	51940S	\$120.00	51940GP	\$160.00	51940GS	\$176.00
5"	–	–	21950S	\$322.50	–	–	21950GS	\$472.50
6"	51960P	\$295.50	51960S	\$322.50	51960GP	\$431.00	51960GS	\$472.50
8"	51980P	\$627.00	51980S	\$687.00	51980GP	\$918.50	51980GS	\$1,006.00
10"	51910P	\$1,582.00	21910S	\$1,851.00	51910GP	\$2,151.00	21910GS	\$2,261.00
12"	51912P	\$2,156.00	21912S	\$3,029.00	51912GP	\$2,934.00	21912GS	\$3,170.00

All tees are cast fittings.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

#260 Domestic and Import – Grooved Cap

Nom. Size	Painted				Galvanized			
	Import		Domestic		Import		Domestic	
	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
1 1/4"	26013P	\$9.95	26013S	\$12.50	26013GP	\$15.25	26013GS	\$19.00
1 1/2"	26015P	\$12.00	26015S	\$13.50	26015GP	\$19.00	26015GS	\$21.25
2"	26020P	\$14.00	26020S	\$16.00	26020GP	\$21.75	26020GS	\$24.50
2 1/2"	26025P	\$16.25	26025S	\$19.00	26025GP	\$26.00	26025GS	\$29.50
3" O.D.	-	-	26030MS	\$23.00	-	-	26030MGS	\$36.50
3"	26030P	\$20.75	26030S	\$23.50	26030GP	\$32.00	26030GS	\$36.50
4"	26040P	\$31.25	26040S	\$35.75	26040GP	\$49.00	26040GS	\$55.00
5"	26050P	POA	26050S	\$76.25	26050GP	POA	26050GS	\$107.00
6"	26060P	\$84.50	26060S	\$95.25	26060GP	\$133.00	26060GS	\$148.50
6 1/2" O.D.	-	-	26060MS	\$103.00	-	-	26060MGS	\$148.50
8"	26080P	\$142.50	26080S	\$156.00	26080GP	\$224.00	26080GS	\$245.50
10"	26010P	\$303.00	26010S	\$319.50	26010GP	\$670.00	26010GS	\$521.50
12"	26012P	\$488.50	26012S	\$535.50	26012GP	\$766.50	26012GS	\$840.00

All caps are cast fittings.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#260 Domestic and Import – Grooved Cap with 1/2" Tap

Nom. Size	Painted			
	Import		Domestic	
	Part Number	List Price	Part Number	List Price
2"	26020TP	\$129.50	26020TS	\$149.00
2 1/2"	26025TP	\$137.50	26025TS	\$158.00
3"	26030TP	\$157.00	26030TS	\$181.50
4"	26040TP	\$208.00	26040TS	\$236.50
5"	-	-	26050TS	\$376.50
6"	26060TP	\$381.50	26060TS	\$425.50
8"	26080TP	\$716.50	26080TS	\$796.00

All caps are cast fittings.

Technical Data Sheet: TFP1810

#260 Domestic and Import – Grooved Cap with 1" Tap

Nom. Size	Painted			
	Import		Domestic	
	Part Number	List Price	Part Number	List Price
2"	26020T1P	\$146.50	26020T1S	\$158.00
2 1/2"	26025T1P	\$153.50	26025T1S	\$168.00
3"	26030T1P	\$178.00	26030T1S	\$190.50
4"	26040T1P	\$232.50	26040T1S	\$248.00
5"	-	-	26050T1S	\$384.00
6"	26060T1P	\$427.50	26060T1S	\$450.50
8"	26080T1P	\$804.00	26080T1S	\$846.00

All caps are cast fittings.

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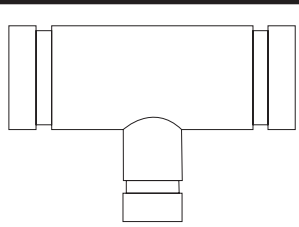
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#321 Domestic – Grooved Reducing Tee



Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
2" x 1"	75410	\$188.00	75470	\$237.00
2" x 1 1/2"	75411	\$188.00	75471	\$237.00
2 1/2" x 1"	75412	\$188.00	–	POA
2 1/2" x 1 1/4"	75413	\$188.00	73590	\$237.00
2 1/2" x 1 1/2"	75414	\$188.00	73591	\$237.00
2 1/2" x 2"	75415	\$188.00	75472	\$237.00
3" x 1"	75416	\$188.00	–	POA
3" x 1 1/2"	75417	\$188.00	73592	\$237.00
3" x 2"	75418	\$188.00	75473	\$237.00
3" x 2 1/2"	75419	\$188.00	75474	\$237.00
4" x 1"	75420	\$224.00	–	POA
4" x 1 1/2"	75421	\$224.00	73594	\$280.00
4" x 2"	75422	\$224.00	75475	\$280.00
4" x 2 1/2"	75423	\$224.00	75476	\$280.00
4" x 3"	75424	\$224.00	75477	\$280.00
5" x 2"	75425	\$441.50	73595	\$552.50
5" x 2 1/2"	75426	\$441.50	73596	\$552.50
5" x 3"	75427	\$441.50	75489	\$552.50
5" x 4"	75428	\$480.50	73597	\$600.50
6" x 2"	75429	\$528.50	75478	\$665.50
6" x 2 1/2"	75430	\$528.50	75479	\$665.50
6" x 3"	75431	\$528.50	75480	\$665.50
6" x 4"	75432	\$528.50	75481	\$665.50
6" x 5"	75433	\$528.50	–	POA
6" x 8"	75434	POA	–	POA
8" x 3"	75435	\$763.50	75482	\$961.50
8" x 4"	75436	\$1,102.00	75483	\$1,385.00
8" x 5"	75437	\$1,102.00	75484	\$1,385.00
8" x 6"	75438	\$1,102.00	75485	\$1,385.00
10" x 3"	75439	\$1,240.00	73621	\$1,550.00
10" x 4"	75440	\$1,295.00	73622	\$1,619.00
10" x 5"	75441	\$1,325.00	73623	\$1,656.00
10" x 6"	75442	\$1,312.00	73624	\$1,640.00
10" x 8"	75443	\$1,348.00	73625	\$1,686.00
12" x 6"	75444	\$1,912.00	73629	\$2,389.00
12" x 8"	75445	\$1,967.00	73630	\$2,458.00
12" x 10"	75446	\$2,058.00	73631	\$2,572.00

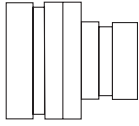
Tee is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

#550 and #350 Domestic – Concentric Reducer



Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
1 1/2" x 1"	74328	\$68.75	73400	\$82.75
1 1/2" x 1 1/4"	72918	\$68.75	5501513GS *	POA
2" x 1 1/2"	72850	\$68.75	73392	\$82.75
2" x 3/4"	72851	\$68.75	73401	\$82.75
2" x 1"	72852	\$68.75	73402	\$82.75
2" x 1 1/4"	72853	\$73.25	73403	\$87.50
2" x 1 1/2"	72854	\$73.25	73404	\$87.50
2 1/2" x 1"	72855	\$68.75	73393	\$87.50
2 1/2" x 1 1/4"	5502513S *	\$68.75	5502513GS *	\$87.50
2 1/2" x 1 1/2"	5502515S *	\$68.75	5502515GS *	\$87.50
2 1/2" x 2"	5502520S *	\$68.75	5502520GS *	\$87.50
3" x 1"	72860	\$76.00	73406	\$91.75
3" x 1 1/4"	72861	\$76.00	73396	\$91.75
3" x 1 1/2"	5503015S *	\$79.25	5503015GS *	\$94.75
3" x 2"	5503020S *	\$83.25	5503020GS *	\$99.75
3" x 2 1/2"	5503025S *	\$83.25	5503025GS *	\$99.75
4" x 1"	72867	\$101.00	73409	\$121.00
4" x 1 1/4"	72868	\$101.00	73756	\$121.00
4" x 1 1/2"	72869	\$101.00	73410	\$121.00
4" x 2"	5504020S *	\$101.00	5504020GS *	\$121.00
4" x 2 1/2"	5504025S *	\$107.50	5504025GS *	\$129.50
4" x 3"	5504030S *	\$107.50	5504030GS *	\$129.50
4" x 3 1/2"	72875	\$107.50	73398	\$129.50
5" x 2"	72876	\$140.00	73399	\$176.00
5" x 2 1/2"	72877	\$140.00	73758	\$176.00
5" x 3"	5505030S *	\$140.00	5505030GS *	\$176.00
5" x 4"	5505040S *	\$140.00	5505040GS *	\$176.00
6" x 2"	5506020S *	\$186.50	5506020GS *	\$224.50
6" x 2 1/2"	5506025S *	\$186.50	5506025GS *	\$224.50
6" x 3"	5506030S *	\$186.50	5506030GS *	\$224.50
6" x 4"	5506040S *	\$186.50	5506040GS *	\$224.50
6" x 5"	5506050S *	\$240.00	5506050GS *	\$289.00
8" x 3"	5508030S *	\$331.00	5508030GS *	\$399.00
8" x 4"	5508040S *	\$331.00	5508040GS *	\$399.00
8" x 5"	5508050S *	\$331.00	5508050GS *	\$399.00
8" x 6"	5508060S *	\$422.50	5508060GS *	\$508.50
10" x 4"	72889	\$725.00	73764	\$810.00
10" x 6"	5501060S *	\$792.50	73425	\$951.00
10" x 8"	72891	\$792.50	73422	\$994.00
12" x 4"	5501240S *	\$877.50	73766	\$1,148.00
12" x 6"	5501260S *	\$941.50	73767	\$1,232.00
12" x 8"	5501280S *	\$1,328.00	73423	\$1,736.00
12" x 10"	5501210S *	\$1,381.00	73424	\$1,807.00

Reducer is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

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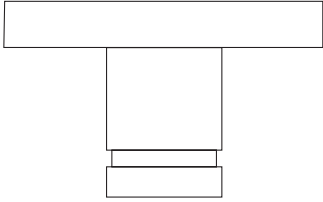
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#341 Domestic – Grooved x Flanged Adapter 150 Lbs. – Schedule 40

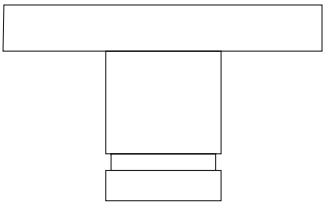
	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
		2"	73230	\$236.50	73250
2 1/2"	73231	\$280.00	73251	\$349.50	
3"	73232	\$319.00	73252	\$403.50	
4"	73233	\$491.50	73253	\$620.50	
5"	73234	\$658.50	73254	\$861.50	
6"	73235	\$658.50	73255	\$861.50	
8"	73236	\$911.50	73256	\$1,192.00	
10"	73237	\$1,493.00	74265	POA	
12"	73238	\$2,095.00	74254	POA	

All adapters are segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

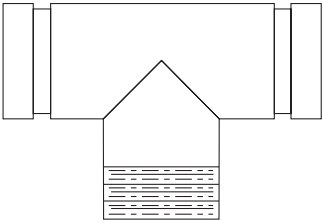
#342 Domestic – Grooved x Flanged Adapter 300 Lbs. – Schedule 40

	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
		4"	73260	POA	73263
5"	73261	POA	73264	POA	
6"	73262	POA	74283	POA	

All adapters are segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

#320 Domestic – Grooved x Male Thread Tee, Painted

	Nom. Size	Domestic Painted Part Number	List Price
	1 1/2"	75490	\$149.50
	2"	75491	\$149.50
2 1/2"	75492	\$149.50	
3"	75493	\$225.50	
4"	75465	\$320.50	
6"	75466	\$797.50	

Adapter is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Standpipe Domestic – Tee

Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
4" x 4" x 2 1/2"	76768	POA	76755	POA
6" x 6" x 2 1/2"	76769	POA	76771	POA

Orders for items in shaded areas **cannot** be cancelled or returned.

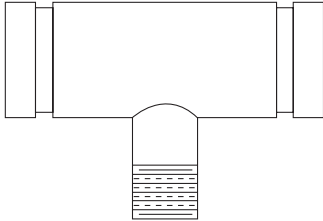
#507/#50L Domestic – Bullhead Tee

Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
5" x 5" x 8"	76772	POA	76774	POA
6" x 6" x 8"	76773	POA	76775	POA

Orders for items in shaded areas **cannot** be cancelled or returned.

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

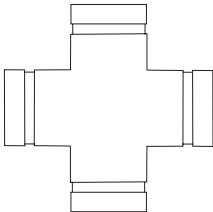
#323 Domestic – Reducing Tee with Threaded Branch

	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
	2" x 1"	75500	\$195.50	75520	\$245.50
	2" x 1 1/2"	75501	\$195.50	75522	\$245.50
	2 1/2" x 1 1/4"	75502	\$195.50	73608	\$245.50
	2 1/2" x 1 1/2"	75503	\$195.50	73609	\$245.50
	2 1/2" x 2"	75504	\$195.50	73610	\$245.50
	3" x 1"	75505	\$195.50	75521	\$245.50
	3" x 1 1/2"	75506	\$195.50	75546	\$245.50
	3" x 2"	75507	\$195.50	75523	\$245.50
	3" x 2 1/2"	75508	\$226.50	73611	\$355.50
	4" x 1"	75509	\$226.50	75524	\$355.00
	4" x 2"	75510	\$226.50	75525	\$355.50
	4" x 2 1/2"	75511	\$226.50	73691	\$355.50
	4" x 3"	75512	\$226.50	75526	\$355.50
	5" x 2"	75513	\$466.50	75534	POA
	6" x 2"	75514	\$581.50	75527	\$681.50
	6" x 2 1/2"	75590	\$581.50	75528	\$681.50
	6" x 3"	75515	\$581.50	75529	\$681.50
	6" x 4"	75516	\$581.50	73694	\$681.50
6" x 5"	75517	\$581.50	73695	POA	
8" x 2"	75518	\$751.50	73696	POA	
8" x 3"	75519	\$751.50	73697	POA	

All tees are segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

#327 Domestic – Grooved Cross

	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
	2"	75840	\$159.00	75849	\$190.50
	2 1/2"	75841	\$159.00	75850	\$190.50
	3"	75842	\$284.50	75851	\$346.50
	4"	75843	\$473.00	75852	\$568.50
	6"	75845	\$1,202.00	75853	\$1,509.00
	8"	75846	\$1,626.00	76757	\$1,914.00
	10"	75847	\$2,479.00	76758	\$3,116.00
	12"	75848	\$3,576.00	76759	\$4,492.00

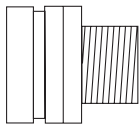
Cross is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#372 Domestic – Reducer Small End Threaded (Male)

Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
1 1/2" x 1"	76800	\$75.00	76825	\$92.50
2" x 3/4"	76801	\$75.00	76826	\$92.50
2" x 1"	76802	\$75.00	76827	\$92.50
2" x 1 1/4"	76815	\$75.00	73794	POA
2" x 1 1/2"	76803	\$75.00	76828	\$92.50
2 1/2" x 1 1/4"	76816	\$95.25	73795	POA
2 1/2" x 1 1/2"	76817	\$95.25	73796	POA
2 1/2" x 2"	76804	\$95.25	76829	\$118.00
3" x 1"	76805	\$83.00	76830	\$99.00
3" x 1 1/4"	76818	\$93.25	—	POA
3" x 1 1/2"	76819	\$93.25	73797	POA
3" x 2"	76806	\$93.25	76831	\$111.50
3" x 2 1/2"	76807	\$112.00	76832	\$133.00
4" x 1"	76808	\$112.00	76833	\$136.00
4" x 1 1/4"	76820	\$112.00	—	POA
4" x 1 1/2"	76821	\$112.00	73799	POA
4" x 2"	76809	\$112.00	76834	\$136.00
4" x 2 1/2"	76810	\$112.00	76835	\$136.00
4" x 3"	76811	\$122.00	76836	\$150.00
6" x 1"	76812	\$217.00	76837	\$267.00
6" x 2"	76813	\$217.00	76838	\$267.00
6" x 3"	76814	\$217.00	76839	\$267.00

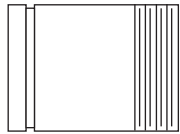


All reducers are segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

#391 Domestic – Groove x Male Thread Adapter Nipple

Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
1 1/4" x 4"	75121	\$42.50	74292	POA
1 1/2" x 4"	75122	\$42.50	74293	POA
2" x 4"	75123	\$42.50	74294	POA
2 1/2" x 4"	75124	\$50.25	74295	POA
3" x 4"	75125	\$61.25	74296	POA
3" x 6"	74335	\$99.50	—	POA
4" x 6"	75126	\$101.50	74297	POA
5" x 6"	75129	\$209.00	74298	POA
6" x 6"	75130	\$269.50	74299	POA
8" x 6"	75131	\$303.00	74336	POA
10" x 8"	75132	\$440.50	74337	POA
12" x 8"	75133	\$552.00	74338	POA



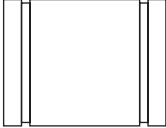
All adapter nipples are segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

#392 Domestic – Groove x Groove Adapter Nipple

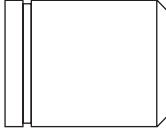
	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
	1" x 1 1/4"	75098	\$42.50	74304	POA
	1 1/2" x 4"	75099	\$42.50	74405	POA
	2" x 4"	75100	\$42.50	74406	POA
	2 1/2" x 4"	75101	\$50.25	74407	POA
	3" x 4"	75102	\$61.25	74408	POA
	4" x 6"	75103	\$101.50	74309	POA
	5" x 6"	75104	\$209.00	74310	POA
	6" x 6"	75105	\$269.50	74311	POA
	8" x 6"	75106	\$303.00	74312	POA
	10" x 8"	75107	\$440.50	74313	POA
	12" x 8"	75108	\$552.00	74314	POA

All adapter nipples are segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

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#393 Domestic – Groove x Plain Adapter Nipple

	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
	1" x 1 1/4"	75148	\$42.50	74316	POA
	1 1/2" x 4"	74315	\$42.50	74317	POA
	2" x 4"	75150	\$42.50	74318	POA
	2 1/2" x 4"	75151	\$50.25	74319	POA
	3" x 4"	75152	\$61.25	74330	POA
	4" x 6"	75153	\$101.50	74331	POA
	5" x 6"	75158	\$209.00	74322	POA
	6" x 6"	75154	\$269.50	74323	POA
	8" x 6"	75155	\$303.00	74324	POA
	10" x 8"	75156	\$440.50	74325	POA
	12" x 8"	75157	\$552.00	74326	POA

All adapter nipples are segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

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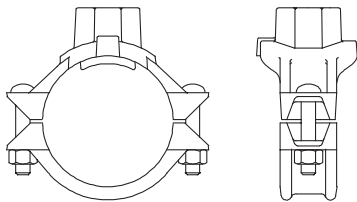
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**#730 Domestic – Threaded Mechanical Tee
with Grade “E” EPDM Gasket Threaded Outlet**

Nom. Size	Painted		Galvanized		Gasket Only	
	Domestic Part Number	List Price	Domestic Part Number	List Price	Domestic Part Number	List Price
2" x 1/2"	7302005ES	\$56.25	7302005EGS	\$74.50	730EGS-1	\$9.85
2" x 3/4"	73020075ES	\$56.25	73020075EGS	\$74.50	730EGS-1	\$9.85
2" x 1"	7302010ES	\$56.25	7302010EGS	\$74.50	730EGS-1	\$9.85
2" x 1 1/4"	7302013ES	\$56.25	7302013EGS	\$74.50	730EGS-2	\$12.75
2" x 1 1/2"	7302015ES	\$56.25	7302015EGS	\$74.50	730EGS-2	\$12.75
2 1/2" x 1/2"	7302505ES	\$56.25	7302505EGS	\$74.50	730EGS-1	\$9.85
2 1/2" x 3/4"	73025075ES	\$56.25	73025075EGS	\$74.50	730EGS-1	\$9.85
2 1/2" x 1"	7302510ES	\$56.25	7302510EGS	\$74.50	730EGS-1	\$9.85
2 1/2" x 1 1/4"	7302513ES	\$65.00	7302513EGS	\$94.75	730EGS-3	\$12.75
2 1/2" x 1 1/2"	7302515ES	\$59.25	7302515EGS	\$89.75	730EGS-3	\$12.75
2 1/2" x 2"	7302520EP *	\$65.00	7302520EGP *	\$94.75	-	POA
3" x 1/2"	7303005ES	\$65.00	7303005EGS	\$85.00	730EGS-1	\$9.85
3" x 3/4"	73030075ES	\$65.00	73030075EGS	\$85.00	730EGS-1	\$9.85
3" x 1"	7303010ES	\$65.00	7303010EGS	\$85.00	730EGS-1	\$9.85
3" x 1 1/4"	7303013ES	\$77.00	7303013EGS	\$100.50	730EGS-2	\$12.75
3" x 1 1/2"	7303015ES	\$77.00	7303015EGS	\$100.50	730EGS-3	\$12.75
3" x 2"	7303020ES	\$80.50	7303020EGS	\$106.00	730EGS-4	\$13.25
4" x 1/2"	7304005ES	\$77.00	7304005EGS	\$100.50	730EGS-1	\$9.85
4" x 3/4"	73040075ES	\$77.00	73040075EGS	\$100.50	730EGS-1	\$9.85
4" x 1"	7304010ES	\$77.00	7304010EGS	\$100.50	730EGS-1	\$9.85
4" x 1 1/4"	7304013ES	\$89.75	7304013EGS	\$117.00	730EGS-2	\$12.75
4" x 1 1/2"	7304015ES	\$89.75	7304015EGS	\$117.00	730EGS-3	\$12.75
4" x 2"	7304020ES	\$89.75	7304020EGS	\$117.00	730EGS-4	\$13.25
4" x 2 1/2"	7304025ES	\$89.75	7304025EGS	\$123.50	730EGS-5	\$14.75
4" x 3"	7304030ES	\$97.25	7304030EGS	\$132.50	730EGS-7	\$15.50
5" x 1 1/2"	7305015EP *	\$127.50	7305015EGP *	\$167.50	730EGS-3	\$12.75
5" x 2"	7305020ES	\$127.50	7305020EGS	\$167.50	730EGS-4	\$13.25
5" x 2 1/2"	7305025ES	\$127.50	7305025EGS	\$167.50	730EGS-5	\$14.75
5" x 3"	7305030EP *	\$136.50	7305030EGP *	\$179.00	-	POA
6" x 1 1/4"	7306013EP *	\$136.50	7306013EGP *	\$179.00	-	POA
6" x 1 1/2"	7306015ES	\$136.50	7306015EGS	\$179.00	730EGS-3	\$12.75
6" x 2"	7306020ES	\$156.00	7306020EGS	\$204.00	730EGS-4	\$13.25
6" x 2 1/2"	7306025ES	\$190.00	7306025EGS	\$248.50	730EGS-6	\$14.75
6" x 3"	7306030ES	\$199.00	7306030EGS	\$259.00	730EGS-8	\$15.50
6" x 4"	7306040ES	\$212.50	7306040EGS	\$277.50	730EGS-9	\$16.00
8" x 2 1/2"	7308025ES	\$242.50	7308025EGS	\$318.00	730EGS-6	\$14.75
8" x 3"	7308030ES	\$256.00	7308030EGS	\$318.00	730EGS-8	\$15.50
8" x 4"	7308040ES	\$256.00	7308040EGS	\$318.00	730EGS-9	\$16.00

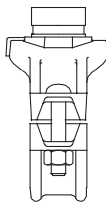
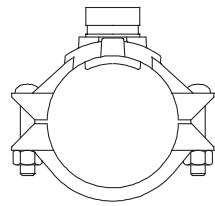


Only available as import.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1860

**#730 Domestic – Grooved Mechanical Tee
with Grade “E” EPDM Gasket Grooved Outlet**



Nom. Size	Painted		Galvanized		Gasket Only	
	Domestic Part Number	List Price	Domestic Part Number	List Price	Domestic Part Number	List Price
2" x 1 1/4"	7302013ERS	\$63.50	7302013EGRS	\$80.50	730EGS-2	\$12.75
2" x 1 1/2"	7302015ERS	\$63.50	7302015EGRS	\$80.50	730EGS-2	\$12.75
2 1/2" x 1 1/4"	7302513ERS	\$63.50	7302513EGRS	\$85.00	730EGS-3	\$12.75
2 1/2" x 1 1/2"	7302515ERS	\$68.50	7302515EGRS	\$89.75	730EGS-3	\$12.75
2 1/2" x 2"	7302520ERP	\$68.50	7302520EGRP	\$89.75	–	POA
3" x 1 1/4"	7303013ERS	\$76.75	7303013EGRS	\$100.50	730EGS-2	\$12.75
3" x 1 1/2"	7303015ERS	\$76.75	7303015EGRS	\$100.50	730EGS-3	\$12.75
3" x 2"	7303020ERS	\$80.50	7303020EGRS	\$106.00	730EGS-4	\$13.25
4" x 1 1/4"	7304013ERS	\$89.75	7304013EGRS	\$117.00	730EGS-2	\$12.75
4" x 1 1/2"	7304015ERS	\$89.75	7304015EGRS	\$117.00	730EGS-3	\$12.75
4" x 2"	7304020ERS	\$89.75	7304020EGRS	\$117.00	730EGS-4	\$13.25
4" x 2 1/2"	7304025ERS	\$90.50	7304025EGRS	\$123.50	730EGS-5	\$14.75
4" x 3"	7304030ERS	\$97.50	7304030EGRS	\$132.50	730EGS-7	\$15.50
5" x 1 1/2"	7305015ERP	\$127.50	7305015EGS	\$167.50	730EGS-3	\$12.75
5" x 2"	7305020ERS	\$127.50	7305020EGRS	\$167.50	730EGS-4	\$13.25
5" x 2 1/2"	7305025ERS	\$127.50	7305025EGRS	\$167.50	730EGS-5	\$14.75
5" x 3"	7305030ERP	\$136.50	7305030EGRP	\$179.00	–	POA
6" x 1 1/4"	7306013ERP	\$136.50	7306013EGRP	\$179.00	–	POA
6" x 1 1/2"	7306015ERS	\$136.50	7306015EGRS	\$178.50	730EGS-3	\$12.75
6" x 2"	7306020ERS	\$156.00	7306020EGRS	\$204.00	730EGS-4	\$13.25
6" x 2 1/2"	7306025ERS	\$190.00	7306025EGRS	\$248.50	730EGS-6	\$14.75
6" x 3"	7306030ERS	\$199.00	7306030EGRS	\$259.00	730EGS-8	\$15.50
6" x 4"	7306040ERS	\$212.50	7306040EGRS	\$277.50	730EGS-9	\$16.00
8" x 2 1/2"	7308025ERS	\$242.50	7308025EGRS	\$318.00	730EGS-6	\$14.75
8" x 3"	7308030ERS	\$256.00	7308030EGRS	\$335.00	730EGS-8	\$15.50
8" x 4"	7308040ERS	\$256.00	7308040EGRS	\$335.00	730EGS-9	\$16.00

Orders for items in shaded areas **cannot** be cancelled or returned.

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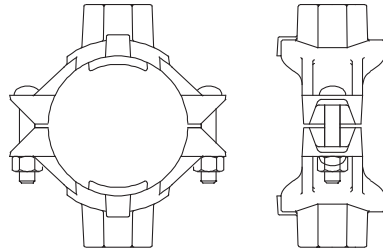
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**#730 Domestic – Threaded Mechanical Cross
with Grade “E” EPDM Gasket Threaded Outlet**

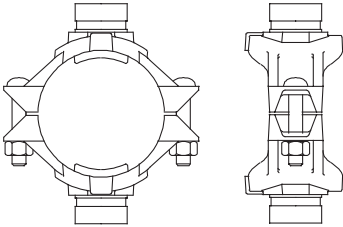
Nom. Size	Painted		Galvanized	
	Domestic Part Number	List Price	Domestic Part Number	List Price
2" x 1 1/4"	7302013ECS	\$97.75	7302013EGCS	\$128.50
2" x 1 1/2"	7302015ECS	\$97.75	7302015EGCS	\$128.50
2 1/2" x 1 1/4"	7302513ECS	\$102.00	7302513EGCS	\$134.00
2 1/2" x 1 1/2"	7302515ECS	\$102.00	7302515EGCS	\$134.00
3" x 1 1/4"	7303013ECS	\$120.00	7303013EGCS	\$157.50
3" x 1 1/2"	7303015ECS	\$120.00	7303015EGCS	\$157.50
3" x 2"	7303020ECS	\$120.00	7303020EGCS	\$157.50
4" x 1 1/4"	7304013ECS	\$140.50	7304013EGCS	\$183.00
4" x 1 1/2"	7304015ECS	\$140.50	7304015EGCS	\$183.00
4" x 2"	7304020ECS	\$140.50	7304020EGCS	\$183.00
4" x 2 1/2"	7304025ECS	\$156.00	7304025EGCS	\$204.00
4" x 3"	7304030ECS	\$162.00	7304030EGCS	\$212.00
5" x 2"	7305020ECS	\$181.50	7305020EGCS	\$237.50
5" x 2 1/2"	7305025ECS	\$181.50	7305025EGCS	\$237.50
6" x 1 1/2"	7306015ECS	\$183.50	7306015EGCS	\$239.50
6" x 2"	7306020ECS	\$190.50	7306020EGCS	\$249.50
6" x 2 1/2"	7306025ECS	\$199.00	7306025EGCS	\$259.00
6" x 3"	7306030ECS	\$212.50	7306030EGCS	\$277.50
6" x 4"	7306040ECS	\$226.50	7306040EGCS	\$295.50
8" x 2 1/2"	7308025ECS	\$252.00	7308025EGCS	\$329.00
8" x 3"	7308030ECS	\$274.50	7308030EGCS	\$358.50
8" x 4"	7308040ECS	\$274.50	7308040EGCS	\$358.50



Orders for items in shaded areas **cannot** be cancelled or returned.

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#730 Domestic – Grooved Mechanical Cross
with Grade “E” EPDM Gasket Grooved Outlet

	Nom. Size	Painted		Galvanized	
		Domestic Part Number	List Price	Domestic Part Number	List Price
	2" x 1 1/4"	7302013ERCS	\$97.75	7302013EGRCS	\$128.50
	2" x 1 1/2"	7302015ERCS	\$97.75	7302015EGRCS	\$128.50
	2 1/2" x 1 1/4"	7302513ERCS	\$102.00	7302513EGRCS	\$134.00
	2 1/2" x 1 1/2"	7302515ERCS	\$102.00	7302515EGRCS	\$134.00
	3" x 1 1/4"	7303013ERCS	\$120.00	7303013EGRCS	\$157.50
	3" x 1 1/2"	7303015ERCS	\$120.00	7303015EGRCS	\$157.50
	3" x 2"	7303020ERCS	\$120.00	7303020EGRCS	\$157.50
	4" x 1 1/4"	7304013ERCS	\$140.50	7304013EGRCS	\$183.00
	4" x 1 1/2"	7304015ERCS	\$140.50	7304015EGRCS	\$183.00
	4" x 2"	7304020ERCS	\$140.50	7304020EGRCS	\$183.00
	4" x 2 1/2"	7304025ERCS	\$156.00	7304025EGRCS	\$204.00
	4" x 3"	7304030ERCS	\$162.00	7304030EGRCS	\$212.00
	5" x 2"	7305020ERCS	\$181.50	7305020EGRCS	\$237.50
	5" x 2 1/2"	7305025ERCS	\$181.50	7305025EGRCS	\$237.50
	6" x 1 1/2"	7306015ERCS	\$183.50	7306015EGRCS	\$239.50
	6" x 2"	7306020ERCS	\$190.50	7306020EGRCS	\$249.50
	6" x 2 1/2"	7306025ERCS	\$199.00	7306025EGRCS	\$259.00
	6" x 3"	7306030ERCS	\$212.50	7306030EGRCS	\$277.50
	6" x 4"	7306040ERCS	\$226.50	7306040EGRCS	\$295.50
	8" x 2 1/2"	7308025ERCS	\$252.00	7308025EGRCS	\$329.00
8" x 3"	7308030ERCS	\$274.50	7308030EGRCS	\$358.50	
8" x 4"	7308040ERCS	\$274.50	7308040EGRCS	\$358.50	

Orders for items in shaded areas **cannot** be cancelled or returned.

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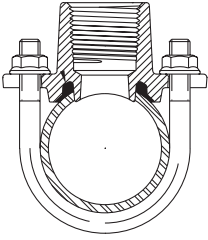
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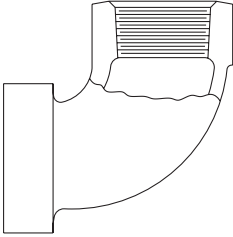
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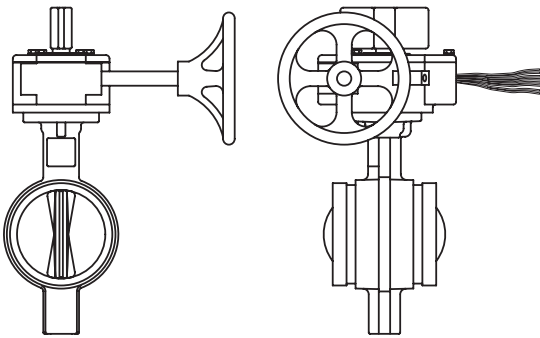
#40-5 Domestic – Strap			
	<i>Nom. Size</i>	<i>Domestic Part Number with "E" Gasket</i>	<i>List Price</i>
	1 1/4" x 1/2"	STP1305ES	\$16.00
	1 1/4" x 3/4"	STP13075ES	\$16.00
	1 1/4" x 1"	STP1310ES	\$17.50
	1 1/2" x 1/2"	STP1505ES	\$17.50
	1 1/2" x 3/4"	STP15075ES	\$17.50
	1 1/2" x 1"	STP1510ES	\$17.50
	2" x 1/2"	STP2005ES	\$18.50
	2" x 3/4"	STP20075ES	\$18.50
	2" x 1"	STP2010ES	\$18.50
	2 1/2" x 1/2"	STP2505ES	\$21.00
	2 1/2" x 3/4"	STP25075ES	\$21.00
2 1/2" x 1"	STP2510ES	\$21.00	

ADACAP #750 Domestic			
	<i>Nom. Size</i>	<i>Domestic Part Number</i>	<i>List Price</i>
	1 1/2" x 1/2"	7501505S	\$28.25
	1 1/2" x 3/4"	75015075S	\$28.25
	1 1/2" x 1"	7501510S	\$28.25
	2" x 1/2"	7502005S	\$30.00
	2" x 3/4"	75020075S	\$30.00
	2" x 1"	7502010S	\$30.25
	2 1/2" x 1/2"	7502505S	\$30.25
	2 1/2" x 3/4"	75025075S	\$30.25
	2 1/2" x 1"	7502510S	\$32.50

Technical Data Sheet: TFP1810

See latest catalog or technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

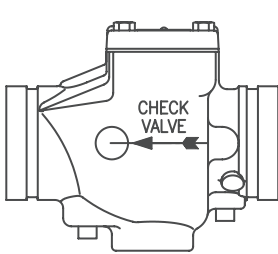
#BFV-N Domestic – Grooved Butterfly Valves Fire Protection

		Model BFV-N Grv x Grv, Gear Operated with Tamper Switches – 300psi		
		Nom. Size	Domestic Part Number - UL, FM & ULC	List Price
2 1/2"	59-300-F-025N	\$666.50		
3"	59-300-F-030N	\$717.00		
4"	59-300-F-040N	\$750.00		
5"	59-300-F-050N	\$1,608.00		
6"	59-300-F-060N	\$998.00		
8"	59-300-F-080N	\$1,611.00		
10"	59-300-F-100N	\$2,415.00		

Orders for items in shaded areas **cannot** be cancelled or returned.

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#CV-1F Import – Grooved Check Valve

		Nom. Size	Import Part Number	List Price
		2"	59-590-0-020	\$374.50
2 1/2"	59-590-0-025	\$374.50		
3"	59-590-0-030	\$374.50		
4"	59-590-0-040	\$374.50		
5"	59-590-0-050	\$773.00		
6"	59-590-0-060	\$896.00		
8"	59-590-0-080	\$1,805.00		
10"	59-590-0-100	\$1,966.00		

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Roll Grooving Machine Selection Chart

Machine Type	Pace Model	Size Range				Drive	Rolls Supplied			Part No.	List Price **
		Sch. 40	Sch. 10	Std. Wall	Copper		Size	Steel	Copper		
Portable with Electric Motor	1112	1" - 12"	-	-	2" - 8"	1 1/2 HP, 110V	1" - 12"	■		41048	\$8,655.50
	1010	1 1/2" - 6"	1 1/2" - 12"	-	-	1 1/2 HP, 110V	1 1/2" - 12"	■		41030	\$8,636.50
	1023	1 1/4" - 12"	-	12" - 24"	2" - 8"	1 1/2 HP, 110V	1 1/4" - 12"	■		41029	\$12,800.50
							2" - 12"	■		41250	\$12,182.00
							1 1/4" - 24"	■		41251	\$14,260.00
							2" - 24"	■		41252	\$13,636.00
	1021	1 1/4" - 12"	-	12" - 24"	2" - 8"	2 HP, 220V	1 1/4" - 12"	■		41253	\$12,800.50
							2" - 12"	■		41254	\$12,182.00
							1 1/4" - 24"	■		41255	\$14,260.00
							2" - 24"	■		41256	\$13,636.00
Portable for Rigid 300	1012	1" - 12"	-	-	2" - 8"	Rigid 300	1" - 12"	■		41041	\$4,803.50
	1022	1 1/4" - 12"	-	12" - 16"	2" - 8"	Rigid 300	1 1/4" - 16"	■		41027	\$10,812.50
	1041	1" - 6"	1" - 12"	-	2" - 8"	Rigid 300	1" - 12"	■		41018	\$3,364.00
Mini-Mites	1039	1 1/4" - 6"	-	-	2" - 8"	Rigid 300, Hand Crank	2" - 8" CTS		■	41017	\$1,326.00
	1034	1 1/4" - 6"	-	-	-	Rigid 300	1 1/4" - 6" IPS	■		41015	\$1,256.50
	1066	-	-	-	2" - 8"	Rigid 300	2" - 8" CTS		■	41014	\$1,256.50
Automated	2021	1 1/4" - 12"	-	12" - 24"	2" - 8"	3 HP, 220V	1 1/4" - 12"	■		41257	\$22,496.00
							2" - 12"	■		41258	\$21,878.50
							1 1/4" - 24"	■		41032	\$23,957.50
							2" - 24"	■		41259	\$23,275.00
2010	1 1/2" - 6"	1 1/2" - 12"	-	-	1 1/2 HP, 110V	1 1/2" - 12"	■		41031	\$14,121.50	
Portable Cut Groover	1000	2" - 8"	-	-	-	1 HP, 115V	2" - 8"			41260	\$10,077.00
		2" - 12"	-	-	-		2" - 12"			41261	\$11,023.00

** Accessories not included, refer to Accessory Table Below.

Accessories

Item	Pace Model	Size Range	Capacity	Part No.	List Price
Pipe Stands	4031	1" - 4"	600 Lbs.	41037	\$514.00
	4000	2" - 8"	900 Lbs.	41038	\$635.00
	4033	2" - 14"	1,200 Lbs.	41039	\$795.00
	4040	12" - 24"	4,000 Lbs.	41040	\$2,017.00
Nipple Bracket	4037	Fits Model 1021 / 22 / 23 / 2021	-	41035	\$642.50
	4045	4" - 12" Fits Model 1012 / 1112	-	41512	\$534.50
Mounting Feet	4039	Fits Portable Roll Groovers and Model 1000	-	41034	\$162.00
	4046	PA Mounting Feet	-	41013	\$151.00
Porta-Bore	3013	Up to 4 1/4" Holes in pipe 1 1/4" - 12"	-	41049	\$2,653.00

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Roll Selection Chart

Machine	Pipe	Size	Top		Size	Bottom		Parts	Part Number	List Price
			Part No.	List Price		Part No.	List Price			
1021, 1023, 2021	Sch. 40	1 1/4" - 1 1/2"	41262	\$360.00	1 1/4" - 1 1/2"	41281	\$261.00			
		2" - 3 1/2"	41263	\$314.00	2" - 3 1/2"	41282	\$242.00			
		4" - 6"	41264	\$279.00	4" - 6"	41283	\$366.00			
		8" - 12"	41265	\$279.00	8" - 12"	41284	\$437.00			
	Std. Wall	14" - 16"	41266	\$262.00	14" - 16"	41285	\$480.50			
		18" - 24"	41267	\$262.00	18" - 24"	41286	\$480.50			
	Copper Tube	2" - 8"	41268	\$314.00	2" - 8"	41287	\$242.00	Depth Gauge 4043	41509	\$36.00
1010, 2010	Sch. 10, Sch. 40	1 1/2" - 6"	41269	\$262.00	1 1/2"	41288	\$242.00			
			-	-	2" - 3 1/2"	41289	\$242.00			
			-	-	4" - 6"	41290	\$352.00			
	Sch. 10	8" - 12"	41270	\$262.00	8" - 12"	41291	\$352.00			
1040, 2040	Sch. 40	1" - 1 1/2"	41271	\$215.00	1" - 1 1/2"	41292	\$215.00			
		1" - 6"	41272	\$190.00	1" - 6"	41293	\$180.00			
		2" - 6"	41273	\$215.00	-	-	-			
	Sch. 10	8" - 12"	41274	\$190.00	8" - 12"	41294	\$297.00			
	Copper Tube	2" - 8"	41275	\$191.50	2" - 8"	41295	\$184.00	Depth Gauge 4021	41510	\$36.00
1012, 1112, 2112	Sch. 40	1" - 1 1/2"	41276	\$215.00	1" - 1 1/2"	41296	\$215.00			
		2" - 6"	41277	\$215.00	2" - 6"	41297	\$180.00			
		8" - 12"	41278	\$215.00	8" - 12"	41298	\$299.50			
	Copper Tube	2" - 8"	41506	\$215.00	2" - 8"	41507	\$184.00	Depth Gauge 4021	41510	\$36.00
1021, 1022, 1023, 2021	SS 10 Ga.				2" - 3 1/2"	41299	\$264.50			
					4" - 6"	41500	\$403.00			
					8" - 12"	41501	\$480.50			
					14" - 16"	41504	\$528.00			
					18" - 24"	41505	\$528.00			
1040, 1041, 1112, 2112	SS 10 Ga.				2" - 6"	41502	\$199.00			
					8" - 12"	41503	\$356.00			
1034, 1039	Sch. 40	1 1/4" - 6", w/ brg.	41279	\$50.50				1034 Drive Shaft 1 1/4" - 6"	41511	\$79.00
								1039 Drive Shaft 1 1/4" - 6"	41513	\$100.00
									Depth Gauge 4021	41510
1039	Copper Tube	2" - 8", w/ brg.	41280	\$67.00				Depth Gauge 4021	41510	\$36.00
1066	Copper Tube	2" - 8", w/ brg.	41508	\$67.00				Drive Shaft 2" - 8"	41514	\$79.00
								Depth Gauge 4021	41510	\$36.00

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Domestic Grooved Couplings – Packaging Quantity
(Including Std. and Pre-Lubricated Gaskets)

Nom. Size	#577 Painted		#577 Galvanized & #772 Tri-Seal		#705 Painted		#705 Galvanized & Tri-Seal		#71 Flange Adapter		Size Range	#716 Reducing Coupling	
	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate		Pieces / Carton	Pieces / Crate
1 1/4"	32	–	32	–	32	–	32	–	–	–	2" x 1 1/2"	20	–
1 1/2"	28	–	28	–	32	–	32	–	–	–	2 1/2" x 2"	36	–
2"	–	385	24	–	–	480	28	–	–	210	3" x 2"	12	–
2 1/2"	–	350	20	–	–	350	20	–	–	210	3" x 2 1/2"	9	–
3"	–	240	28	–	–	270	35	–	–	124	4" x 2"	6	–
4"	–	150	20	–	–	175	20	–	–	124	4" x 2 1/2"	6	–
5"	–	100	–	100	–	96	–	96	–	30	4" x 3"	6	–
6"	–	80	–	80	–	80	–	80	–	30	5" x 4"	–	80
8"	–	44	–	44	–	48	–	48	–	30	6" x 4"	–	64
10"	–	24	–	24	–	24	–	24	–	24	6" x 5"	–	64
12"	–	20	–	20	–	20	–	20	–	24	8" x 6"	–	36

Domestic Grooved Fittings – Packaging Quantity

Nom. Size	#510 90° Elbow		#501 45° Elbow		#519 Tee		#260 Cap		Nom. Size Range	ADACAP		#40-5 Strap	
	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate		Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate
1 1/4"	40	–	45	–	28	–	287	–	1 1/4" x 1 1/2"	–	–	45	–
1 1/2"	27	–	39	–	28	–	210	–	1 1/4" x 3/4"	–	–	45	–
2"	18	–	24	–	24	–	140	–	1 1/4" x 1"	–	–	45	–
2 1/2"	8	–	15	–	10	–	84	–	1 1/2" x 1 1/2"	50	–	45	–
3"	12	–	18	–	12	–	56	–	1 1/2" x 3/4"	50	–	45	–
4"	–	168	–	96	–	46	30	–	1 1/2" x 1"	50	–	45	–
5"	–	105	–	140	–	75	–	392	2" x 1 1/2"	50	–	45	–
6"	–	63	–	90	–	48	–	288	2" x 3/4"	50	–	45	–
8"	–	28	–	48	–	24	–	160	2" x 1"	50	–	45	–
10"	–	15	–	–	–	–	–	96	2 1/2" x 1 1/2"	40	–	40	–
12"	–	8	–	–	–	–	–	63	2 1/2" x 3/4"	40	–	40	–
–	–	–	–	–	–	–	–	–	2 1/2" x 1"	40	–	40	–

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Domestic Grooved Fittings – Packaging Quantity				
Nom. Size	#510S Short Pattern 90° Elbow	#519S Short Pattern Tee	Nom. Size Range	#550 Concentric Reducer
	Pieces/Carton	Pieces/Crate		Pieces/Carton
2"	18	30	2 1/2" x 1 1/4"	36
2 1/2"	8	20	2 1/2" x 1 1/2"	36
3"	12	12	2 1/2" x 2"	36
4"	210	46	3" x 1 1/2"	45
6"	78	48	3" x 2"	60
8"	28	24	3" x 2 1/2"	30
-	-	-	4" x 2"	243
-	-	-	4" x 2 1/2"	243
-	-	-	4" x 3"	243
-	-	-	5" x 3"	147
-	-	-	5" x 4"	147
-	-	-	6" x 2"	72
-	-	-	6" x 2 1/2"	72
-	-	-	6" x 3"	72
-	-	-	6" x 4"	216
-	-	-	6" x 5"	216
-	-	-	8" x 3"	80
-	-	-	8" x 4"	80
-	-	-	8" x 5"	1
-	-	-	8" x 6"	1

Grooved Fittings – Pieces Per Carton/Case			
Nom Size	#730 Mechanical Tee	Nom Size	#730 Mechanical Tee (cont.)
2" x 1/2"	15	4" x 1/2"	12
2" x 3/4"	15	4" x 3/4"	12
2" x 1"	15	4" x 1/2"	12
2" x 1 1/4"	26	4" x 1 1/4"	12
2" x 1 1/2"	12	4" x 1 1/2"	12
2 1/2" x 1 1/2"	14	4" x 2"	10
2 1/2" x 3/4"	14	4" x 2 1/2"	10
2 1/2" x 1"	14	4" x 3"	8
2 1/2" x 1 1/4"	32	5" x 2"	8
2 1/2" x 1 1/2"	20	5" x 2 1/2"	8
3" x 1/2"	16	6" x 1 1/2"	8
3" x 3/4"	16	6" x 2"	7
3" x 1"	16	6" x 2 1/2"	7
3" x 1 1/4"	18	6" x 3"	6
3" x 1 1/2"	16	6" x 4"	6
3" x 2"	12	8" x 2 1/2"	4
-	-	8" x 3"	4
-	-	8" x 4"	4

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Import Grooved Couplings – Packaging Quantity

Nom. Size	#577				#705			
	Pieces / Carton	Cartons / Pallet	Pieces / Pallet	Crate Qty	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate
1 1/4"	24	48	1,152	–	24	48	1,152	–
1 1/2"	20	48	960	–	20	48	960	–
2"	16	48	768	–	16	48	768	–
2 1/2"	12	48	576	–	12	48	576	–
3"	–	–	–	819	–	–	–	520
4"	–	–	–	546	–	–	–	324
6"	–	–	–	252	–	–	–	165
8"	–	–	–	108	–	–	–	80

Import Grooved Fittings – Packaging Quantity

Nom. Size	#510 90° Elbow				#501 45° Elbow				#519 Tee				#260 Cap			
	Pieces / Carton	Cartons / Pallet	Pieces / Pallet	Crate Qty	Pieces / Carton	Cartons / Pallet	Pieces / Pallet	Crate Qty	Pieces / Carton	Cartons / Pallet	Pieces / Pallet	Crate Qty	Pieces / Carton	Cartons / Pallet	Pieces / Pallet	Crate Qty
1 1/4"	28	48	1,344	–	54	48	2,592	–	22	48	1,056	–	132	48	6,336	–
1 1/2"	24	48	1,152	–	40	48	1,920	–	18	48	864	–	100	48	4,800	–
2"	13	48	624	–	18	48	864	–	12	48	576	–	64	48	3,072	–
2 1/2"	6	48	288	–	12	48	576	–	4	48	192	–	42	48	2,016	–
3"	4	48	192	–	8	48	384	–	3	48	144	–	24	48	1,152	–
4"	–	–	–	195	–	–	–	315	–	–	–	120	12	48	576	–
6"	–	–	–	68	–	–	–	100	–	–	–	42	3	48	144	–
8"	–	–	–	32	–	–	–	44	–	–	–	18	3	48	144	–
10"	–	–	–	16	–	–	–	18	–	–	–	10	–	–	–	–
12"	–	–	–	8	–	–	–	15	–	–	–	–	–	–	–	–

Import Grooved Fittings – Packaging Quantity

Nom. Size	#510S Short Pattern 90° Elbow				#501 45° Elbow				#519S Short Pattern Tee			
	Pieces / Carton	Cartons / Pallet	Pieces / Pallet	Crate Qty	Pieces / Carton	Cartons / Pallet	Pieces / Pallet	Crate Qty	Pieces / Carton	Cartons / Pallet	Pieces / Pallet	Crate Qty
2"	15	48	720	–	12	48	576	–	33	48	1,584	–
2 1/2"	10	48	480	–	6	48	288	–	30	48	1,440	–
3"	8	48	288	–	4	48	192	–	24	48	1,152	–
4"	–	–	–	234	–	–	–	150	10	48	480	–
6"	–	–	–	72	–	–	–	56	3	48	144	–
8"	–	–	–	33	–	–	–	21	2	48	96	–

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