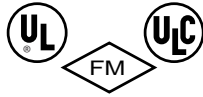


Fire Protection Gaskets



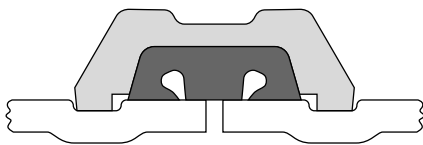
See Fire Protection Submittal Sheet for pressure rating and Listing and Approval information



Grooved Piping Products

Tyco Fire Products --- www.tyco-grooved.com
 451 North Cannon Avenue, Lansdale, Pennsylvania 19446 --- USA
 Customer Service/Sales: Tel: (215) 362-0700 / Fax: (215) 362-5385
 Technical Services: Tel: (800) 381-9312 / Fax: (800) 791-5500

For information on Prelubricated gaskets, please refer to the Prelubricated Gasket data sheet.



Tri-Seal Freezer Gasket

(See Gasket Grades and Recommendations Sheet for aid in selecting the proper gasket)

The Tri-Seal Grade E freezer gasket is used primarily for dry pipe fire protection systems and freezer applications. The Tri-Seal freezer gasket differs from standard gaskets by closing off the gap or gasket cavity. This is accomplished by positioning the center "rib" of the gasket over the gap between the pipes. The Tri-Seal freezer gasket has two tapered sealing edges in addition to the center rib for additional strength and sealing.

The Tri-Seal freezer gasket is available in sizes 1¹/₄" to 12" and is designed for use with Figure 572, 575, 705 and 772 Couplings. A petroleum-free silicone based lubricant is recommended for dry pipe systems. For low temperature services or dry systems in cold storage or freezer applications, use Tri-Seal freezer gaskets. For vacuum services greater than 10" Hg, Tri-Seal gaskets should be used.

Grade	Temp. Range	Compound	Color Code	General Service Application
A	Ambient to +150°F (+66°C)	EPDMA	Violet	Fire Protection Systems. Not Recommended for Hot Water Systems. For dry pipe or freezer systems, use Tri-Seal Grade E Gasket
E	-30°F (-34°C) to +230°F (+110°C)	EPDM	Green	Fire Protection Systems. For dry pipe or freezer systems use Tri-Seal grade E Gasket.

Note: Dry pipe and freezer systems are unique applications which benefit from proper pipe preparation and the use of rigid couplings, such as our Figures 572 and 772 couplings and our Tri-Seal gaskets. Reducing couplings are not recommended for these applications. Standard lube is not recommended for this application as it freezes and can cause leakage.

Proper pipe end preparation and grooving is mandatory to prevent leakage (See specifications for cut and roll grooving). The gasket seat surface must be free from score marks, ridges, indentations, projections, loose paint, flaking galvanizing, scale, dirt chips, grease, rust, etc. which would prevent a positive seal.

The best choice for a trouble free system is to use our rigid couplings with our Tri-Seal gaskets and a petroleum free silicone base lubricant.



Ordering Procedure

Ordering Information: When placing an order, indicate the full product name. Please specify the quantity, figure number, type of gasket, EPDM "A" or "E" Tri-Seal, and size.

Availability and Service: Grooved Piping Products, valves, accessories and other products are available throughout the U.S., Canada, and internationally, through a network of distribution centers. You may write directly or call 215-362-0700 for the distributor nearest you.



Care and Maintenance

The owner is responsible for the inspection, testing, and maintenance of their fire protection system and devices in accordance with the applicable standards of the National Fire Protection Association (e.g., NFPA 25), in addition to the standards of any authority having jurisdiction. The installing contractor or product manufacturer should be contacted relative to any questions. Any impairment must be immediately corrected.

It is recommended that automatic sprinkler systems be inspected, tested, and maintained by a qualified Inspection Service.



Limited Warranty

Products manufactured by Tyco Fire Products are warranted solely to the original Buyer for ten (10) years against defects in material and workmanship when paid for and properly installed and maintained under normal use and service. This warranty will expire ten (10) years from date of shipment by Tyco Fire Products. No warranty is given for products or components manufactured by companies not affiliated by ownership with Tyco Fire Products 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 (NFPA), and/or the standards of any other Authorities Having Jurisdiction. Materials found by Tyco Fire Products to be defective shall be either repaired or replaced, at Tyco Fire Products' sole option. Tyco Fire

Products neither assumes, nor authorizes any person to assume for it, any other obligation in connection with the sale of products or parts of products. Tyco Fire Products 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 TYCO FIRE PRODUCTS 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 LABOR CHARGES, REGARDLESS OF WHETHER TYCO FIRE PRODUCTS WAS INFORMED ABOUT THE POSSIBILITY OF SUCH DAMAGES, AND IN NO EVENT SHALL TYCO FIRE PRODUCTS' 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..

OBSOLETE

General Notes: It is the Designer's responsibility to select products suitable for the intended service and to ensure that pressure ratings and performance data is not exceeded. Always read and understand the installation instructions (IH-1000). Never remove any piping component nor correct or modify any piping deficiencies without first depressurizing and draining the system. Material and gasket selection should be verified to be compatible for the specific application.



Certified Company