



INDUSTRIAL THREADED PRODUCTS INC.

13580 FIRESTONE BLVD. , SANTA FE SPRINGS, CA 90670

800-976-BOLT FX: 800 646 4249

www.itpbolt.com

NEOPRENE FACED PHENOLIC INSULATING KIT

SUBMITTAL SPECIFICATIONS

NEOPRENE FACED PHENOLIC GASKET

DIELECTRIC VOLTS/MIL ASTM D149	COMPRESSIVE STRENGTH (PSI) ASTM D695	WATER ABSORPTION ASTM D229	HARDNESS ROCKWELL "M" ASTM D785	TENSILE (PSI) ASTM D638	SHEAR (PSI) ASTM D732	OPERATING TEMP (MAX)
500	25,000	1.6	85	20,000	18,000	175 °

MYLAR SLEEVE MATERIAL PROPERTIES

4000	N/A	2.0%	M=100	N/A	N/A	300°
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PHENOLIC 1/8" WASHER PROPERTIES

550	50,000	0.10	N/A	N/A	N/A	N/A
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BACK UP WASHERS

(2) STEEL PLATED

(2) F436 HARDENED STEEL

(2) 304 STAINLESS STEEL

(2) 316 STAINLESS STEEL

Materials for Flange Insulating Kits on pipes containing water and natural gas (up to 221 F, 105 C) shall consist of the following components.

INSULATING GASKET: Neoprene Faced Phenolic Gaskets have been used primarily in the water, oil, and gas industries for many years. Soft Neoprene rubber sheets are factory applied to both sides of a laminated Phenolic retainer providing an effective sealing surface.

FULL LENGTH INSULATING SLEEVES: Made of 1/32" wall thickness Mylar tubing. One full length Sleeve (extending half way into both steel washers) for each flange bolt.

WASHERS: The I.D. of all washers shall fit over the insulating sleeve and both the steel and insulating washer shall have a same I.D. and O.D.

