Figure NA GASKETS



150# & 300# NON-ASBESTOS FULL FACE & RING GASKETS

Features

- Manufactured from compressed non-asbestos sheet gasket material
- · Material is aramid and other synthetic fibers bonded with nitrile rubber (NBR)
- Manufactured through the hot calendar process under rigorous quality control standards that are registered under ISO-9001 certification

Standards

- Meets ASME B16.21 for 150# & 300# gaskets
- Dimensions: ASME B16.5

Service Limits

- Max. Temperature: 750°F (400°C)
- Max. Continuous Temperature: 460°F (240°C)
- Max. Pressure: 1595 PSI (110 Bar)
- Max. Continuos Pressure: 725 (50 Bar)
- Max. Pressure for Saturated Steam: 75 PSI
- ASTM F104 Line Call Out: F712120E22M5

Typical Physical Properties ASTM Test Value Property Method 109 lb/ft3 (1.75 gm/cc) Density F36 Compressibility 7-17% F36 min 45% Recovery 1670 psi (11.5 N/mm²) Tensile Strength Across Grain F38 F495 Ignition Loss max 34% Thickness Increase After 5 Hour Immersion F146 ASTM IRM 903 @ 300°F (150°C) max 12% ASTM Fuel B @ 77°F (25°C) max 10% Weight Increase After 5 Hour Immersion ASTM IRM 903 @ 300°F (150°C) ASTM Fuel B @ 77°F (25°C) F146 max 15% max 15% F38 **Creep Relaxation** 25% Sealability at 1000 PSI 0.25 ml/h F37

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Pressure / Temperature



The pressure/temperature chart shown indicates the service limits for the gaskets considering pressure and temperature simultaneously (Tests were performed with nitrogen on 1.6mm [1/16"] thick sheet). The normal curve represents the common usage area for the gaskets while the maximum curve indicates the maximum limits. For applications near or above the maximum curve, contact FNW.

Figure Number Matrix

FNW NA 1 FFG A Size						
PRESSURE						
150# = 1 300# = 3	Ring Gasket = RG Full Face Gasket = FFG	1/16" = 116 1/8" = A	1/2 = D 3/4 = F	2 = K 2-1/2 = L	6 = U 8 = X	16 = 16 18 = 18
			1 = G 1-1/4 = H 1-1/2 = J	3 = M 4 = P 5 = S	10 = 10 12 = 12 14 = 14	20 = 20 24 = 24

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