Figure NA
GASKETS

FNW™

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. Continuous Pressure: 725 (50 Bar)
- ASTM F104 Line Call Out: F712120E22M5
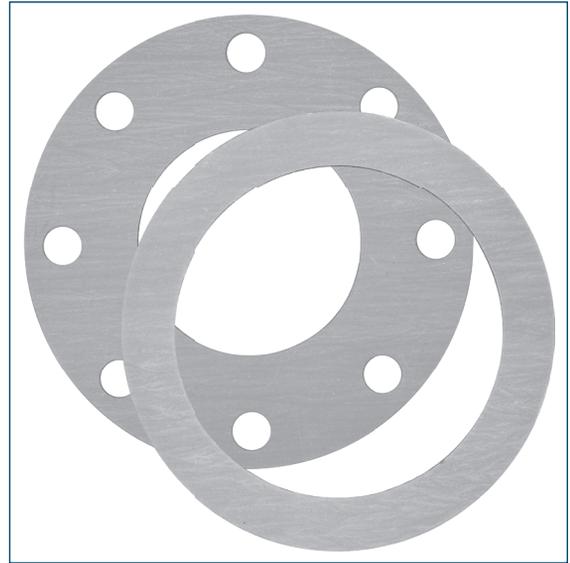
Typical Physical Properties

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

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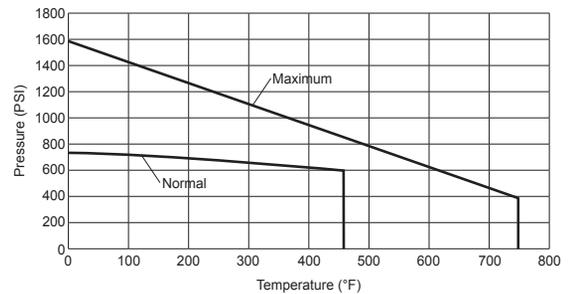
The pressure/temperature chart shown indicates the service limits for the gaskets considering pressure and temperature simultaneously (Tests were performed with nitrogen on 1.6mm [1/16"] thick sheet). The normal curve represents the common usage area for the gaskets while the maximum curve indicates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

Figure Number Matrix

FNW NA 1 FFG A Size

PRESSURE	TYPE	THICKNESS	SIZE CODE			
150# = 1	Ring Gasket = RG	1/16" = 116	1/2 = D	2 = K	6 = U	16 = 16
300# = 3	Full Face Gasket = FFG	1/8" = A	3/4 = F	2-1/2 = L	8 = X	18 = 18
			1 = G	3 = M	10 = 10	20 = 20
			1-1/4 = H	4 = P	12 = 12	24 = 24
			1-1/2 = J	5 = S	14 = 14	30 = 30

* NOTE: Not all configurations of model numbers may be available. Contact your supplier for specific rating and size combinations.