

NAM 45CF

Non Asbestos Gasket Jointing



Certificate No. 17/00007

Material Composition and Application

It has excellent resistance to steam and strong alkaline media. It is widely used in the chemical and petrochemical industries. NAM 45CF exhibits good sealing and torque retention properties. It is specifically designed to satisfy the growing demand for numerous aggressive chemicals used by industry today. NAM 45CF can also be used for sealing oils, fuels, gases, freons, and general application in paper & pulp industry for application in pipelines, radiators, boilers and many other instances of flanged joints.

Material Composition: Blend of Carbon and Aramid Fiber
Binders: NBR

Available in:

- Sheets - 60" x 60" and 60" x 120" in thickness $\frac{1}{64}$ " to $\frac{1}{4}$ "
- Gaskets - Raised Face, Full Face and Specials
- Color - Black/Graphite Coating

Peak Temperature	752°F (400°C)
Continuous Temperature	572°F (300°C)
Continuous Temperature with steam	536°F (280°C)
Operating Pressure	2133.5 PSI (150 Kg / cm ²)

PROPERTIES (Test Specimen Thickness 2.0mm)	TEST METHOD	UNIT	SPECIFIED VALUE
Density		gm / cm ³	1.70 - 2.00
Tensile Strength			
(a) ACC to ASTM F152 (Across Grain)		N / mm ²	> 8
(b) ACC to DIN52910 (Across Grain)		N / mm ²	--
Compressibility	ASTM F36A	%	5 - 15
Recovery	ASTM F36A	%	> 50
Fluid Absorption	ASTM F 146		
(a) In ASTM Oil No. 3		%	
INCREASE in Mass		%	< 10
INCREASE in Thickness		%	< 8
(b) In Fuel B	ASTM F 146	%	
INCREASE in Mass		%	< 10
INCREASE in Thickness		%	< 7
(c) In Water/Antifreeze	ASTM F 146	%	
INCREASE in Mass		cm ³ / min.	< 10
INCREASE in Thickness			< 7
Ignition Loss	DIN 52911	N / mm ²	< 30
Sealability Against Nitrogen	DIN 3535	N / mm ²	< 0.5
Stress Resistance			
16h 300°C	DIN 52913		~ 20
16h 175°C	DIN 52913		~ 30

The following Information applies to material thickness 2.0 mm. The information provided on this bulletin was provided by the manufacturer Ferolite Jointings LTD. Since actual conditions of use are beyond our control, the information provided only serves as a guideline. Users must satisfy themselves that the product is suitable for the intended application. We reserve the right to change product design and properties without notice.

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