

Topog-E® NAM33 Non Asbestos Gasket Jointing

MATERIAL COMPOSITION AND APPLICATION

Gasket material with controlled swell properties in oil, wide range of application in automotive and chemical industry. Suitable to seal off hydraulic , engines, transmission and refrigerating oils as well as other hydrocarbons. Also applicable for joints with low sealing pressure like housing, valve covers, oil pans etc.

Material Composition: Aramid fiber, Mineral fiber

Binders: SBR

SERVICE SUMMARY

Peak Temperature: 752°F (400°C)
Continuous Temperature: 518°F (270°C)
Continuous Temperature with Steam: 464°F (240°C)

Operating Pressure: 2133.5 PSI
 (150 Kg / cm²)

SIZE & COLOR

Sheets: 60" x 60" and 60" x 120"
 in thickness 1/64" to 1/4"
Gaskets: Raised face, Full face,
 and Specials
Color: White

PROPERTIES (Test Specimen Thickness 2.0mm)	TEST METHOD	UNIT	SPECIFIED VALUE
Density	---	gm/cm ³	1.70 - 2.10
Tensile Strength			
(a) ACC to ASTM F152 (Across Grain)	---	N / mm ²	>12
(b) ACC to DIN52910 (Across Grain)		N / mm ²	>9
Compressibility	ASTM F36A	%	5 - 15
Recovery	ASTM F36A	%	> 50
Fluid Absorption			
(a) In ASTM Oil No. 3	ASTM F 146		
INCREASE in Mass		%	8-30
INCREASE in Thickness		%	8-30
(b) In Fuel B	ASTM F 146		
INCREASE in Mass		%	8-30
INCREASE in Thickness		%	8-30
(c) In Water/Antifreeze	ASTM F 146		
INCREASE in Mass		cm ³ / min.	15
INCREASE in Thickness			7
Ignition Loss			
Sealability Against Nitrogen	DIN 52911	N / mm ²	< 35
Stress Resistance	DIN 3535	N / mm ²	< 1.0
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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All information in this data sheet is based on data believed to be reliable; however, we make no guarantee or warranty of the performance of Topog-E® NAM33 gasket Jointing. Due to numerous application-specific factors that can influence service life, it is always advisable to first test Topog-E® NAM33 Gasket Jointing in a particular application to determine their ultimate suitability.

