

Technical Data Sheet

FEROLITE NAM 30Y NON ASBESTOS GASKET JOINTING SHEET



Applications:

Suitable as an oil resistant gasket material for medium to higher loading, good resistance to water and gases, oils & fuels. A standard sealing material used in compressors, pipelines, transmission, gas meters and internal combustion engines.

General data:

Material Composition (Type of fibres)

Aramid fibre, mineral fibre & inorganic fillers

Binders

Synthetic NBR Elastomers

OPERATING CONDITION

Max.Peak Temp

400°C

Max. Continuous Temp

250°C

Max. Operating Pressure

220°C

Specification Compliance

100 Kg/cm

Physical Properties:

BS 7531 Grade Y

Physical Properties:

The following Information applies to material thickness 1.50 mm. thickness 1.50 mm.

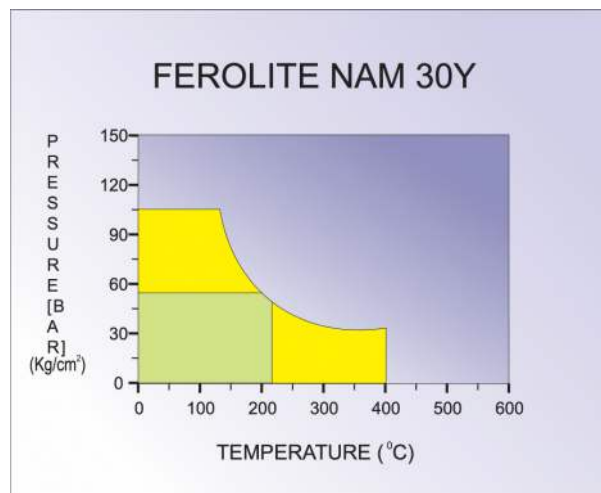
S.NO.	PROERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1.	DENSITY		gm/cm ³	1.60-1.90
2.	COMPRESSIBILITY	BS 7531	%	6.0 min.
3.	TENSILE STRENGTH	ASTM F-152	Mpa	7.0 min
4.	RECOVERY	ASTM F-152	%	50 min
5.	RESISTANCE TO OIL & WATER			
	(a) IN ASTM OIL NO. 3	BS 7531		
	INCREASE IN THICKNESS		%	10 max.
	(b) IN WATER	BS 7531		
	INCREASE IN THICKNESS		%	15 max.
6.	GAS PERMEABILITY	BS 7531	ml/min.	1.0 max.
7.	STRESS RELAXATION TEST	BS 7531	Mpa	22.0 min
8.	FLEXIBILITY			No Visual sign of cracks

Standard Sheet Size		1500x2000 mm, 1500x4000mm, 1500x1500mm 1500x4500 mm, 1500x3000mm, 2000x3000 mm
Thickness		0.25 mm to 6.00 mm (For Non-Metallic Range) 0.80 mm to 6.00 mm (For Metallic Range)
Tolerance	Thickness	< 1mm = + 0.10 mm > 1mm = 10%
	Length	± 50 mm
	Width	± 50 mm

Approval :-

1. EN 13555 By AMTEC, GERMANY
2. Liyod's Register approval for marine application
3. SHELL TAT specifcation MESC SPE 85/300 BYAMTEC, GERMANY
4. VDI Cuideline 2440 for Ta-Luft by AMTEC GERMANY

The Material suitable as high grade sealing products.



All data quoted above are based on years of experience in production & operation of sealing elements, in view of the wide variety of possible installation & operating conditions one can not draw final conclusion in all application cases regarding the behaviour in gasket joint. The data may not therefore, be used to support any warranty claims. Should you have any doubts about the choice of gasket material, please refer to us. Our engineering cell will be happy to assist you.



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