

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.

Approvals:

TA-Luft as per DIN 28090-1 or EN 13555

The Material suitable as a high grade sealing products

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. Continuous Temp. with steam

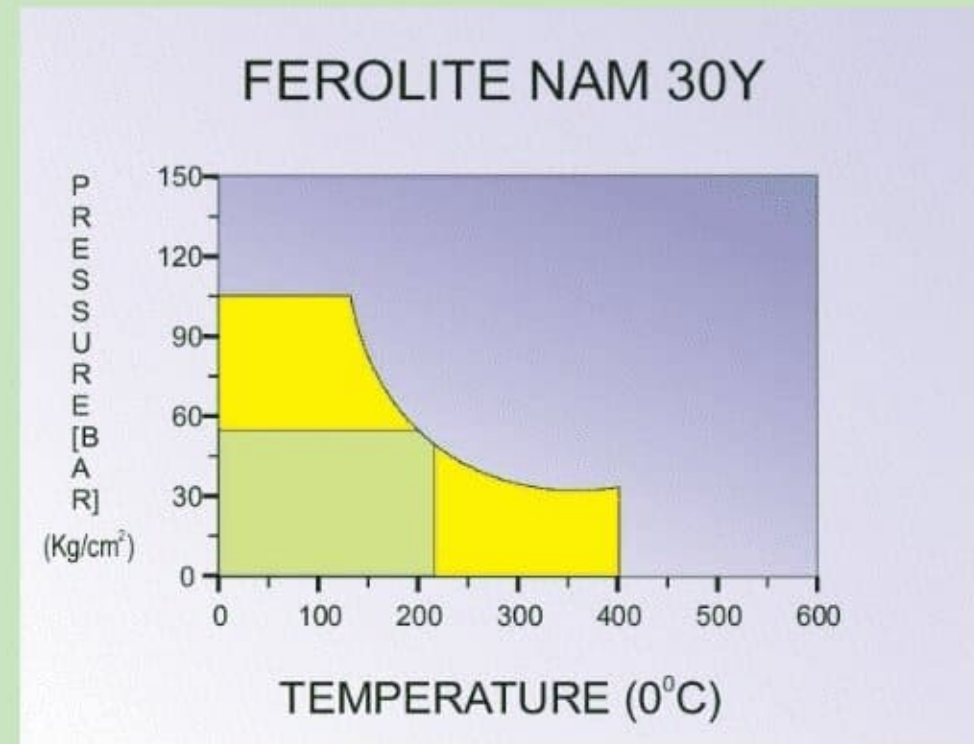
220°C

Max. Operating Pressure

100 Kg/cm²

Specification Compliance

BS 7531 Grade Y



Physical Properties:

The following Information applies to material 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