NHÀ PHÂN PHỐI ỦY QUYỀN: CÔNG TY VINDEC

Website: https://vindec.vn

Technical Data Sheet

Ferolite®

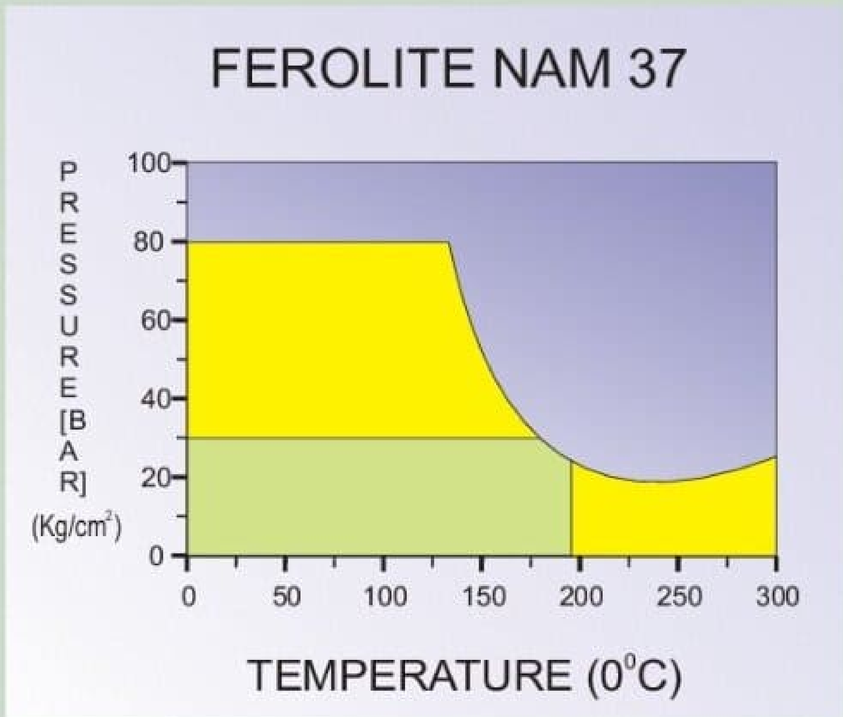
FEROLITE NAM 37 NON ASBESTOS GASKET JOINTING SHEET

Applications:

Suitable for water/oil resistant gasket material for light to medium loading. Suitable for low operating pressure, e.g. transformers, compressors and also used for easily deformable components with low surface pressure like valve covers and pans in internal combustion engines.

General data:

Material Composition (Type of fibres)	Aramid Fibre, Mineral Fiber .
Binders	NBR
OPERATING CONDITION	
Max.Peak Temp	300°C
Max. Continuous Temp	220°C
Max.Continuous Temp.with steam	160°C
Max. Operating Pressure	80 Kg/cm^2



Physical Properties:

The following Information applies to material thickness 2.0 mm.

S.NO.	PROERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1.	DENSITY		gm/cm^3	1.70 - 2.00
2.	TENSILE STRENGTH			
	(a) ACC to ASTM F152(ACROSS GRAIN)		N/mm^2	> 8
	(b) ACC to DIN52910 (ACROSS GRAIN)		N/mm^2	> 5
3.	COMPRESSIBILITY	ASTM F36A	%	5 – 15
4.	RECOVERY	ASTM F36A	%	> 50
5.	FLUID ABSORPTION	ASTM F 146		
	(a) IN ASTM OIL NO. 3			
	INCREASE IN MASS		%	< 15
	INCREASE IN THICKNESS		%	< 10
	(b) IN FUEL B	ASTM F 146		
	INCREASE IN MASS		%	< 10
	INCREASE IN THICKNESS		%	< 10
	(c) IN WATER/ANTIFREEZE	ASTM F 146		
	INCREASE IN MASS		%	< 15
	INCREASE IN THICKNESS		%	< 15
6.	IGNITION LOSS	DIN 52911	%	< 35
7.	SEALABILITY AGAINST Nitrogen	DIN 3535	cm^3/min.	< 1.0
8.	STRESS RESISTANCE			
	16h 300°C	DIN 52913	N/mm^2	–
	16h 175°C	DIN 52913	N/mm^2	–