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Technical Data Sheet

Ferolite®

FEROLITE NAM 32 NON ASBESTOS GASKET JOINTING SHEET

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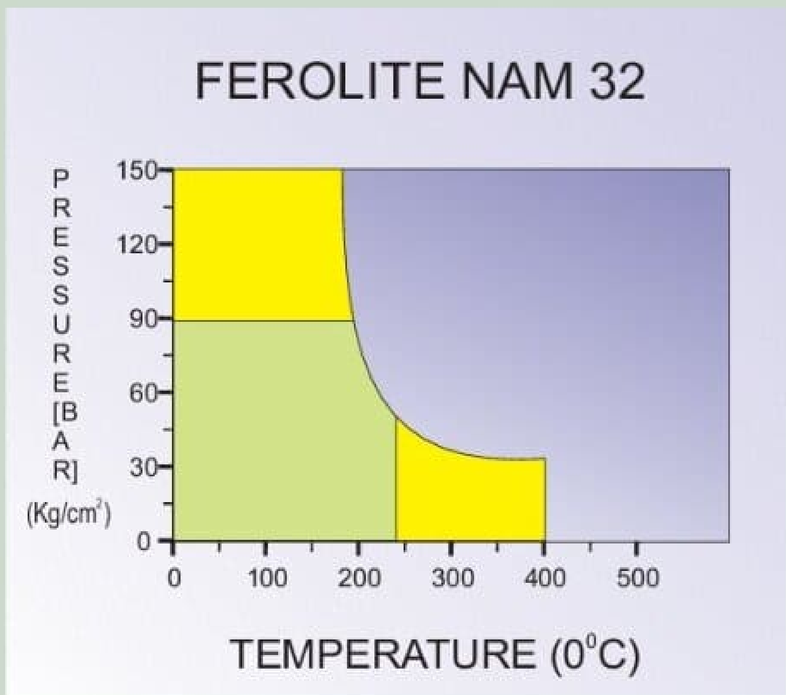
VINDEC

Applications:

Suitable for high performance, oil resistant gasket material with excellent thermal, chemical & mechanical properties. Suitable for compressors, pipelines, transmission, gas meters and internal combustion engines, pipe unions & pumps etc.

General data:

Material Composition (Type of fibres)	Aramid Fibre, Mineral Fiber
Binders	High quality NBR
OPERATING CONDITION	
Max.Peak Temp	400°C
Max. Continuous Temp	270°C
Max.Continuous Temp.with steam	240°C
Max. Operating Pressure	150 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	> 14
	(b) ACC to DIN52910 (ACROSS GRAIN)		N/mm^2	> 11
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		%	< 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		%	< 15
	INCREASE IN THICKNESS		%	< 7
6.	IGNITION LOSS	DIN 52911	%	< 30
7.	SEALABILITY AGAINST Nitrogen	DIN 3535	cm^3/min.	< 0.5
8.	STRESS RESISTANCE			
	16h 300°C	DIN 52913	N/mm^2	~ 20
	16h 175°C	DIN 52913	N/mm^2	~ 30