

Technical Data Sheet



FEROLITE NAM 32 Steel NON ASBESTOS GASKET JOINTING SHEET



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 Fiber, Mineral Fiber with metal gauge centre

Binders NBR

OPERATING CONDITION

Max. Peak Temp 500°C

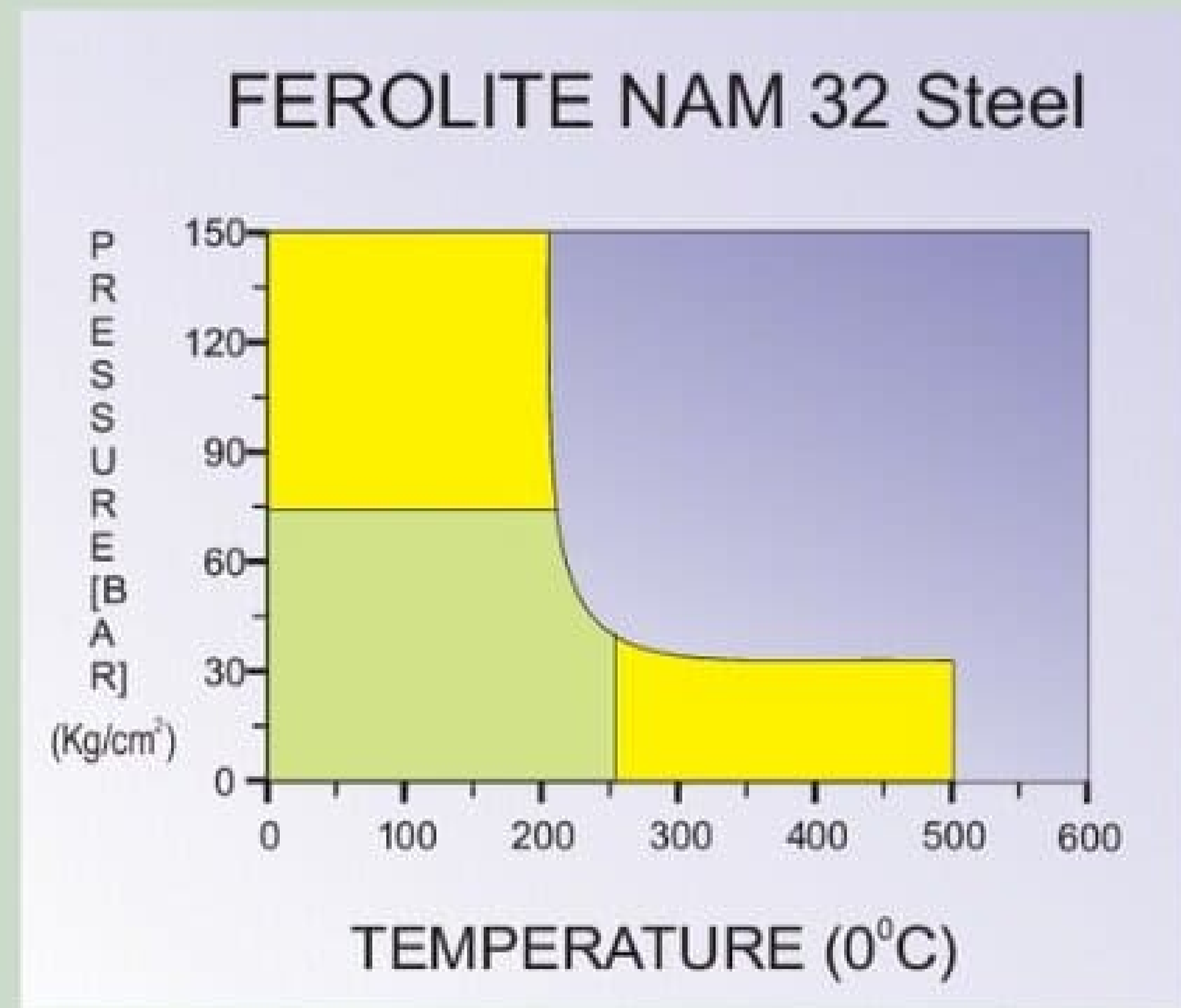
Max. Continuous Temp 270°C

Max. Continuous Temp. with steam 240°C

Max. Operating Pressure 150 Kg/cm²

Physical Properties:

The following Information applies to material thickness 2.0 mm.



S.NO.	PROPERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1.	DENSITY		gm/cm ³	1.70 - 2.10
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	~ 22
	16h 175°C	DIN 52913	N/mm ²	~ 30