Technical Data Sheet

Ferolite®

FEROLITE NAM 37C NON ASBESTOS GASKET JOINTING SHEET

Applications:

Suitable for water/oil resistant gasket material for light to medium loading. Specially designed for drinking water application, Certain chemicals have been kept at a minimum level, the excess of which might affect the media, It does not contains any material which might contribute to bacterial or fungal growth

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

FEROLITE NAM 37C COMPLIES TO NSF/ANSI 61

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^{0}C	DIN 52913	N/mm^2	–
	16h 175^{0}C	DIN 52913	N/mm^2	–