

TECHNICAL - DATA SHEET

MATERIAL GRADE : FEROLITE NAM 39 (ASBESTOS FREE GASKET MATERIAL)

Material Composition	: Made from Aramid fibre, Mineral fibre cellulose fibre & Inorganic Filler, bonded with Synthetic NBR Elastomers
Applications	: Oil resistant gasket material for light loading. Suitable for low operating pressure, e.g. transformers, compressors and apparatus. Also used for easily deformable components with low surface pressure like valve covers and pans in internal combustion engines.
Thickness	: 0.25 to 6.0 mm.
Dimension	: 1500 x 1500, 1500 x 4500, 2000 x 3000 mm.
Color	: Green
Max. Peak Temp	: 250°C
Max. Continuous Temp	: 180°C
Max. Continuous Temperature with Steam	: 120°C
Max. Operating Pressure	: 50 Bar

The Following Information Applies to material Thickness 2.0mm.

<u>PROERTIES</u>	<u>TEST METHOD</u>	<u>UNIT</u>	<u>SPECIFIED VALUE</u>
1. DENSITY	-----	gm / cm ³	1.50 - 1.90
2. TENSILE STRENGTH			
(a) ACC to ASTM F152(ACROSS GRAIN)		N/mm ²	6 Min.
(b) ACC to DIN52910 (ACROSS GRAIN)		N/mm ²	5 Min.
3. COMPRESSIBILITY	ASTM F36A	%	7 – 15
4. RECOVERY	ASTM F36A	%	≥ 40
6. <u>FLUID ABSORPTION</u>			
(a) IN ASTM OIL NO. 3	ASTM F 146		
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		%	≤ 5
5. IGNITION LOSS	DIN 52911	%	≤ 40

NOTE: All information and recommendations given in this brochure are correct to the best of our knowledge. Since conditions of use are beyond our control. The information provided and only serve as a guideline. Users must satisfy themselves that products are suitable for the intended process and uses. We reserve the right to change product design and properties without notice.



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