

TECHNICAL - DATA SHEET

MATERIAL GRADE FEROLITE SPECIAL

MATERIAL TYPE	COMPRESSED ASBESTOS FIBER (CAF)
MATERIAL COMPOSITION	Made from Chrysotile Asbestos fiber with synthetic Elastomers and inorganic fillers
APPLICATION	Suitable to seal off Steam, Hot oils & various aromatic Hydrocarbons solvents & Refrigerants in high stress condition.
THICKNESS	0.25 mm to 6.00 mm.
SURFACE FINISH	Green / Green.
OPERATING CONDITION	Maximum pressure : 150 Kg/cm ² Maximum Temperature: 550 °C Minimum Temperature: - 0°C
SPECIFICATION COMPLIANCE	BS: 1832-1991 Grade O IS:2712/1998 Grade O1 BS:1832/1973 Grade A



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The following Information Applies to material Thickness 1.5mm.

S.NO.	Typical Properties	ASTM Standard	Test Method	Unit	Specified Value
1.	Density	F 1315	IS:2712/1998	gm/cm ³	1.70 - 2.20
2.	Tensile Strength	F 152	IS:2712/1998	Mpa	>24.0
3.	Compressibility	F 36A	IS:2712/1998	%	6 –14
4.	Recovery	F 36A	IS:2712/1998	%	>40
5.	Ignition Loss	F 495	IS:2712/1998	%	<28
6.	Stress Resistance		IS:6210/1979	Mpa	>23
7.	<u>FLUID</u>				
	IN ASTM OIL NO.3	F 146			
	(a) Thickness Increase		IS:2712/1998	%	<25
	(b) Mass Increase		IS:2712/1998	%	<20
	IN FUEL B	F 146			
	(a)Thickness Increase		IS:2712/1998	%	<20
	(b)Mass Increase		IS:2712/1998	%	<20
	IN WATER	F 146			
	(a) Mass Increase		IS:2712/1998	%	<10

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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