

# TECHNICAL - DATA SHEET

## MATERIAL GRADE      FEROLITE –IT-300

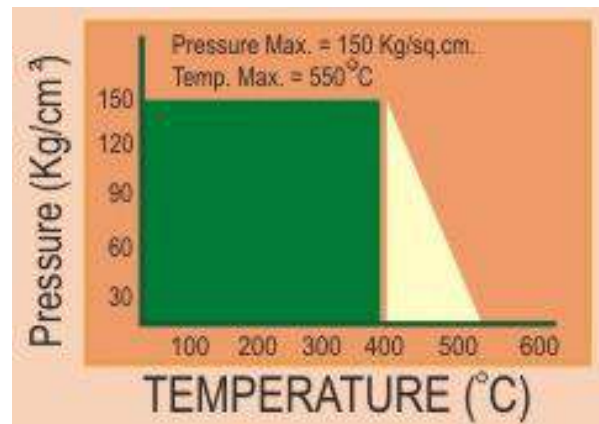
MATERIAL TYPE	: COMPRESSED ASBESTOS FIBER (CAF)
MATERIAL COMPOSITION	: Made from Chrysotile Asbestos fiber with synthetic Elastomers and Inorganic fillers
APPLICATION	: Suitable to seal off Steam ,Air, Water & various alkalies solution in high stress condition
THICKNESS	: 0.25 mm to 6.00 mm
SURFACE FINISH	: Red, Grey , Graphited.
OPERATING CONDITION	: Maximum pressure :      150 Kg/cm <sup>2</sup> : Maximum Temperature: 550°C
SPECIFICATION COMPLIANCE:	: ISI: 2712/1998 Grade W/1, DIN: 3754 IT- 300 ASTM: F104 112001M7, BS: 2815-1973 Grade A ,



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**The following Information Applies to material Thickness 1.5mm.**

S.No.	Typical Properties	Test Method	Unit	Specified Value
1.	Density	IS:2712/1998	g/cm <sup>3</sup>	1.70 - 2.20
2.	Tensile Strength	IS:2712/1998	Mpa	>24.0
3.	Compressibility	IS:2712/1998	%	6 -14
4.	Recovery	IS:2712/1998	%	>40
5.	Ignition Loss	IS:2712/1998	%	<28
6.	Stress Resistance	IS:6210/1979	Mpa	>23
7.	<u>WATER-ABSORPTION</u>			
	(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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