

# **TECHNICAL - DATA SHEET**

## **MATERIAL GRADE :FEROLITE NAM 42 GF (ASBESTOS FREE MATERIAL) (GRADE X)**

Material Composition : Made from Glass Fibre with NBR Elastomers  
Applications : Suitable for high media resistance & high stress condition.

Thickness : 0.40 to 6.0 mm.  
Dimension : 1500 x 1500, 1500 x 4500, 2000 x 3000 mm.  
Color : White-Green  
Max.Peak Temp : 440°C  
Max. Continuous Temp : 350°C  
Max. Continuous Temp with Steam : 250°C  
Max. Operating Pressure : 150 Bar  
**Specification Compliance** : **BS 7531 Grade X**

**The Following Information Applies to material Thickness 1.50mm.**

PROERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1. THICKNESS		Mm	1.50 ± 0.15
2. COMPRESSIBILITY	BS 7531	%	6.0 min.
3. <b><u>RESISTANCE TO OIL &amp; WATER</u></b> (a) <b>IN ASTM OIL NO. 3</b>	BS 7531		
INCREASE IN THICKNESS		%	10 max.
(b) <b>IN WATER</b>	BS 7531		
INCREASE IN THICKNESS		%	15 max.
4. GAS PERMEALABILITY	BS 7531	ml/min.	1.0 max.
5. <b>STRESS RELAXATION TEST</b>	BS 7531	Mpa	25.0 min.
6. FLEXIBILITY		--	No visual sign of cracks

**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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