

# TECHNICAL - DATA SHEET

## **MATERIAL GRADE : FEROLITE NAM 30 Y (ASBESTOS FREE GASKET MATERIAL) (GRADE Y)**

Material Composition	: Made from Aramid fibre, mineral fibre & inorganic fillers bonded with Synthetic NBR Elastomers
Applications	: Suitable for oil resistant gasket material for medium to higher loading, good resistance to water gases, oils and fuels. A standard sealing material used in compressors, pipelines, apparatus, transmission, gas meters and internal combustion engines.
Thickness	: 0.25 to 3.0 mm.
Dimension	: 1500 x 1500, 1500 x 4500, 2000 x 3000 mm.
Color	: Orange
Max.Peak Temp	: 400°C
Max. Continuous Temp	: 250°C
Max. Continuous Temp with Steam	: 220°C
Max. Operating Pressure	: 100 bar
<b><u>Specification Compliance</u></b>	<b>: <u>BS 7531 Grade Y</u></b>

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

PROPERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1. THICKNESS		mm	1.50 ± 0.15
2. COMPRESSIBILITY	BS 7531	%	6.0 min.
3. TENSILE STRENGTH		Mpa	7.0
4. RECOVERY		%	50.0
5. <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.
6. GAS PERMEABILITY	BS 7531	ml/min.	1.0 max.
7. <b>STRESS RELAXATION TEST</b>	BS 7531	Mpa	22.0 min.
8. 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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