

## FEROLITE NAM 30Y NON ASBESTOS GASKET JOINTING SHEET



### Applications:

Suitable as an oil resistant gasket material for medium to higher loading, good resistance to water and gases, oils & fuels. A standard sealing material used in compressors, pipelines, transmission, gas meters and internal combustion engines.

### General data:

<b>Material Composition (Type of fibres)</b>	Aramid fibre, mineral fibre & inorganic fillers
<b>Binders</b>	Synthetic NBR Elastomers
<b>OPERATING CONDITION</b>	
<b>Max.Peak Temp</b>	400°C
<b>Max. Continuous Temp</b>	250°C
<b>Max.Continuous Temp.with steam</b>	220°C
<b>Max. Operating Pressure</b>	100 Kg/cm <sup>2</sup>
<b>Specification Compliance</b>	BS 7531 Grade Y

### Physical Properties:

The following Information applies to material thickness 1.50 mm.

S.NO.	PROERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1.	DENSITY		gm/cm <sup>3</sup>	1.60-1.90
2.	COMPRESSIBILITY	BS 7531	%	6.0 min.
3.	TENSILE STRENGTH	ASTM F-152	Mpa	7.0 min
4.	RECOVERY	ASTM F-152	%	50 min
5.	RESISTANCE TO OIL & WATER			
	(a) IN ASTM OIL NO. 3	BS 7531		
	INCREASE IN THICKNESS		%	10 max.
	(b) IN WATER	BS 7531		
	INCREASE IN THICKNESS		%	15 max.
6.	GAS PERMEABILITY	BS 7531	ml/min.	1.0 max.
7.	STRESS RELAXATION TEST	BS 7531	Mpa	22.0 min
8.	FLEXIBILITY		-	No Visual sign of cracks