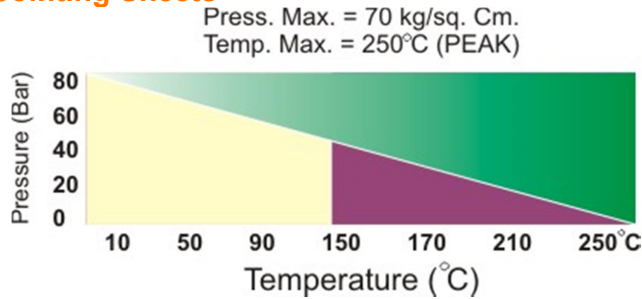


# HYPERSIL HNA-100

## Non Asbestos Gasket Jointing Sheets



### Material Composition:

Made from Aramid fibre, Mineral fibre & Inorganic bounded with Synthetic NBR Elastomers.

### Applications:

Suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids and alkalies for medium stress conditions.

<b>THICKNESS</b>	:	0.25 mm to 6.00 mm. ( OTHER THICKNESS ON REQUEST)
<b>COLORS</b>	:	GREEN (OTHER COLORS ON REQUEST)
<b>DIMENSION OF SHEETS</b>	:	1500MM X 1500MM, 1500MM X 3100MM, 1500MM X 1000MM, 1500MM X 2000MM, 1270MM X 1270MM, 1270MM X 3810MM, 3000MM X 3000MM
<b>OPERATING CONDITION</b>	:	Maximum internal pressure: 70 BAR Maximum Temperature: 250°C

The following Information Applies to material Thickness 1.5mm.

S.NO.	Typical Properties	Test Method	Unit	Specified Value
1	DENSITY	-----	Gm / cm <sup>3</sup>	1.50 - 1.90
2	TENSILE STRENGTH			
	<b>a) ACC to ASTM F152</b>	(ACROSS GRAIN)	N/MM <sup>2</sup>	6 Min.
	<b>b) ACC to DIN52910</b>	(ACROSS GRAIN)	N/MM <sup>2</sup>	5 Min.
3	COMPRESSIBILITY	ASTM F36A	%	7 – 15
4	RECOVERY	ASTM F36A	%	<sup>3</sup> 40
5	FLUID ABSORPTION			
	<b>(a) IN ASTM OIL NO. 3</b>	ASTM F 146		
	INCREASE IN MASS		%	&le;15
	INCREASE IN THICKNESS		%	&le;10
	<b>(b) IN FUEL B</b>	ASTM F 146		
	INCREASE IN MASS		%	&le;10
	INCREASE IN THICKNESS		%	&le;10
	<b>(c) IN WATER/ANTIFREEZE</b>	ASTM F 146		
	INCREASE IN MASS		%	&le;15
	INCREASE IN THICKNESS		%	&le;5
6.	IGNITION LOSS	DIN 52911	%	&le; 40

### NOTE

All information and recommendations given in this brochure are correct to the best of our knowledge. However, in view of the wide variety of possible installation and operating conditions one cannot draw the final conclusion in all application cases regarding the behaviour in a gasket joint. Therefore, information can only serve as a guideline.