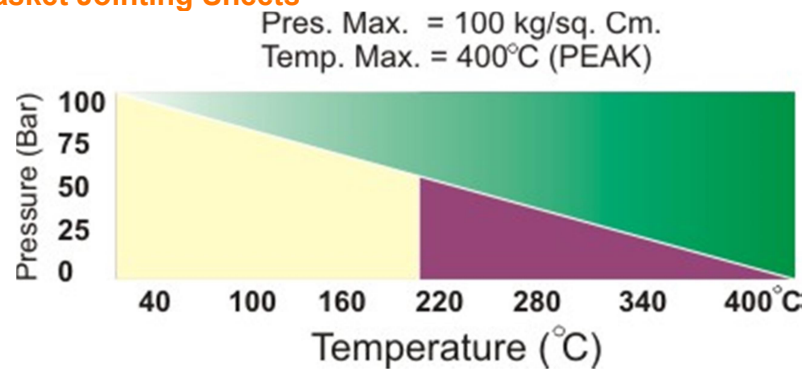
HYPERSIL HNA 200

Non Asbestos Gasket Jointing Sheets



Suitable Area

Suitable but Technical area for steam is required

Technical advice is required

Material Composition:

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

Applications:

Suitable for high performance, Oil resistance gasket material with excellent thermal, chemical & mechanical properties. This material is also recommended for automotive industry.

THICKNESS	:	0.25 mm to 6.00 mm. (OTHER THICKNESS ON REQUEST)
COLORS	:	GREEN (OTHER COLOR ON REQUEST)
DIMENSION OF SHEETS	:	1500MM X 1500MM, 1500MM X 3100MM, 1500MM X 1000MM, 1500MM X 2000MM, 1270MM X 1270MM, 1270MM X 3810MM, 3000MM X 3000MM
OPERATING CONDITION	:	Maximum Peak Temp. : 400°C Maximum pressure : 100 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 / cm3	1.70 - 2.00
2	TENSILE STRENGTH			
	a) ACC to ASTM F152	(ACROSS GRAIN)	N/MM2	7 Min.
	b) ACC to DIN52910	(ACROSS GRAIN)	N/MM2	5 Min.
3	COMPRESSIBILITY	ASTM F36A	%	7 – 15
4	RECOVERY	ASTM F36A	%	³ 50
5	FLUID ABSORPTION			
	(a) IN ASTM OIL NO. 3	ASTM F 146		
	INCREASE IN MASS		%	15
	INCREASE IN THICKNESS		%	10
	(b) IN FUEL B	ASTM F 146		
	INCREASE IN MASS		%	10
	INCREASE IN THICKNESS		%	10
	(c) IN WATER/ANTIFREEZE	ASTM F 146		
	INCREASE IN MASS		%	15

	INCREASE IN THICKNESS		%	5
6.	IGNITION LOSS	DIN 52911	%	≤ 28
7.	SEALABILITY AGAINST NITROGEN	DIN 3535	Cm3/min.	≤1.00
8.	STRESS RESISTANCE			
	16h 300C	DIN 52913	N/mm2	~20
	16h 175C	DIN 52913	N/mm2	~28

NOTE

All information and recommendations given in this brochure are correct to the best of our knowledge. However, in view of the wide varsity 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.