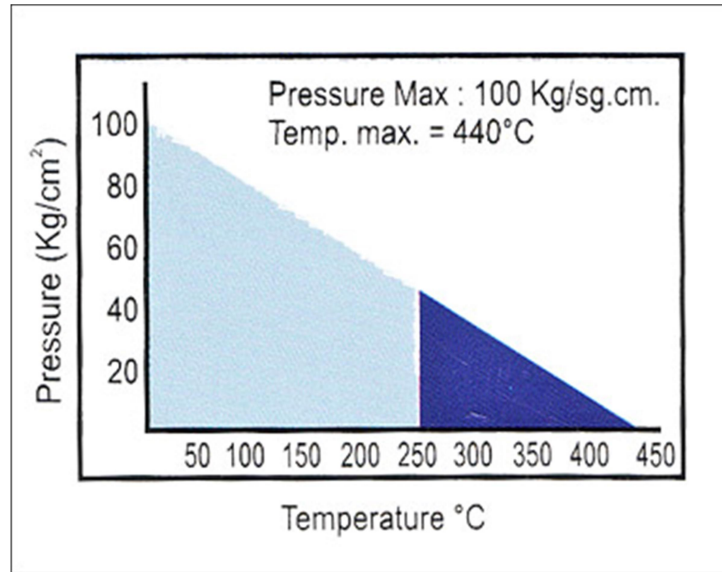


Hypersil HNA 600 G. F.

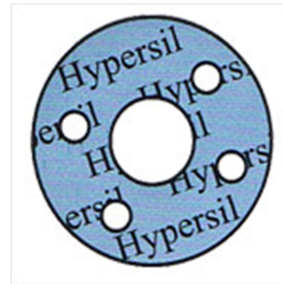
Aramid Fibre, Glass Fibre, NBR.

- High media resistance
- High stress conditions



Conforms to

BS - 7531 GRADE - X



Density g / cm ³	:	1.70-2.00
Tensile Strength N/MM ²		
Acc to ASTM F 152 (Across Grain)	:	> 14
Acc to DIN 52910 (Across Grain)	:	> 11
Compressibility ASTM F 36A %	:	6-12
Recovery ASTM F 36A %	:	> 50
Fluid Absorption		
In ASTM Oil No.3 ASTM F 146 %		
Increase in Mass	:	< 10
Increase in Thickness	:	< 8
In Fuel B ASTM F 146 %		
Increase in Mass	:	< 10
Increase in Thickness	:	< 7

In water / Antifreeze ASTM F 146 %		
Increase in Mass	:	< 15
Increase in Thickness	:	< 5
In Acid (Change in Tensile Strength)		
96% H₂SO₄ ACID (48 hrs. At 23 °C)		
95% HNO₃ ACID (48 hrs. At 23 °C)		
Ignition Loss DIN 52911 %	:	< 30
Sealability Against Nitrogen DIN 3535 Cm³ / min	:	< 0.5
Stress Resistance		
16h 300°C DIN 52913 N/mm²	:	~ 25
16h 175°C DIN 52913 N/mm²	:	~ 36
Design Info		
M value	:	2.5
Y value (mpa)	:	20
Max. Peak Temp. °C	:	500
Max. Continuous Temp. °C	:	350
Max. Operating Pressure Kg/cm²	:	150
ASTM F 104 Line call-out	:	F712112A9B4E12M4