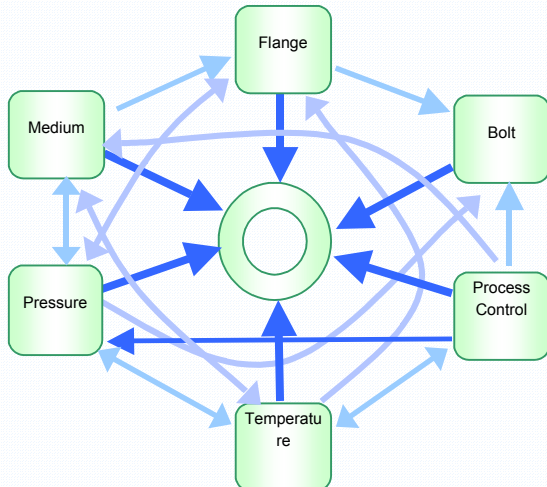




**Superlite®**

**Basis**

Gasket material based on Aramid Fibre, Glass Fibre with NBR binder.



**Factors affecting on the gasket**

The suitability of a gasket material for an application is dependent upon a multiplicity of factors as shown in the above digram. Max. temperature and pressure values can not define the suitability for application. It is always advisable to consider these

**Dimensions of the standard sheets :**

1500 mm X 1500 mm, 1500 mm X 2250 mm, 1500 mm x 4500 mm, 1500 mm x 4000 mm, 1500 mm x 2000 mm

**ASTM F 104 Line Call out :** F712112A9B4E12M4 , **BS 7531-Grade-X**

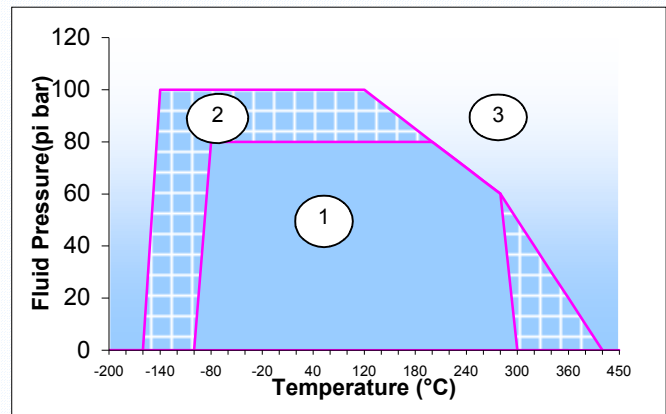
**Technical data**

All data are typical values and refer to sheet thickness of 1.5 mm

Specification		
Max. Peak Temperature		450 °C
Max. Operating Temperature		360 °C
Max. With Steam		300 °C
Max. Operating Pressure		100 bar
Density	ASTM F 1315	1.8 g/cm <sup>3</sup>
Compressibility	ASTM F 36 J	8 %
Recovery	ASTM F 36 J	55 %
Tensile Strength	ASTM F 152	8 N/mm <sup>2</sup>
Stress Relaxation (16h 300° C)	BS 7531	25 N/mm <sup>2</sup>
Stress Relaxation (16h 175° C)	DIN 52913	32 N/mm <sup>2</sup>
Gas Sealability	ASTM F 37 B	< 1.0 ml/min.
Thickness Increase	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		5 %
ASTM Fuel B (5h, 23°C)		5 %
Water (5h, 100°C)		7 %
Weight Increase	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		10 %
ASTM Fuel B (5h, 23°C)		10 %
Water (5h, 100°C)		10 %

**SUPERLITE ASBESTOS FREE GF-300**

Suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids. **High stress** conditions.



**Areas of application**

- ① This area refer , the gasket material is normally suitable subject to chemical compatibility.
- ② This area refer, the gasket material may be suitable but a technical support is recommended.
- ③ This area refer, do not install the gasket without technical evaluation.