

Superlite[®]

SUPERLITE ASBESTOS FREE

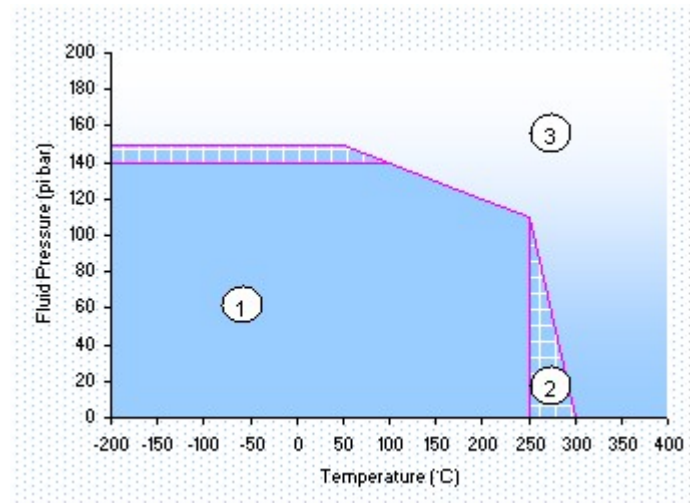
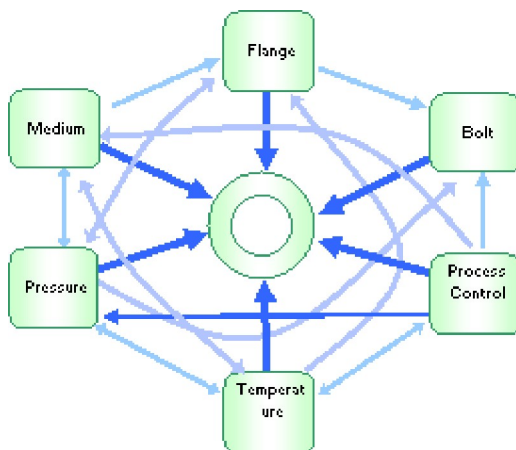
STEEL-250

Basis

Gasket material based on Aramid fibre & organic fibre with NBR binder and steel wire reinforced.

Application

A premium metallic grade suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids and alkalis for medium-high stress conditions.



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 diagram. Max. temperature and pressure values can not define the suitability for application. It is always advisable to consider these factors when selecting a material for a given application.

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.

Dimensions of the standard sheets

1500 mm X 1500 mm, 1500 mm X 2250 mm, 1500 mm x 4500 mm

Technical data

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

	Specification	
Max. Peak Temperature		300°C
Max. Operating Temperature		250°C
Max. Operating Pressure		150bar
Density	ASTM F 1315	2g/cm ³
Compressibility	ASTM F 36 J	7%
Recovery	ASTM F 36 J	50%
Tensile Strength	ASTM F 152	12N/mm ²
Creep Relaxation	ASTM F 38 B	30%
Gas Sealability	ASTM F 37 B	< 1.0ml/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)		5%
Weight Increase	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		10%
ASTM Fuel B (5h, 23°C)		10%
Water (5h, 100°C)		5%

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.