

Superlite®

SUPERLITE ASBESTOS FREE

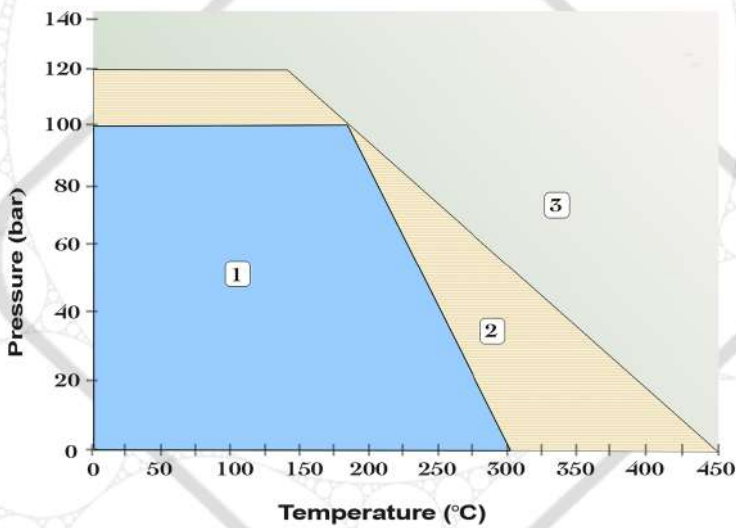
GF-300

▪ Basis

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

▪ Application

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



Dimensions of the standard sheets :

Standard sheet sizes :

1500 X1500 mm, 1500 X2250mm,
1500 X4500 mm , 1500 X1000 mm, 1000X1000mm
1500 X4000 mm, 1500 X2000 mm, 1300 X3900 mm,
1270 X1270 mm, 2100 X 3000 mm, 1500 X 3000 mm.

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.

- **Compliance : BS 7531 Grade X**
- **Specification : ASTM**
- **Finish : White/Yellow**
(other Colour on Customer requirement).

Technical data

All data are typical values and refer to sheet thickness / test sample of 1.50 mm

	Test method	Specified Value	Unit
Max. Peak Temperature		450	°C
Max. Operating Temperature		300	°C
Max. Operating Pressure		100	bar
Density	ASTM F 1315	1.60 - 1.90	g/cm ³
Compressibility	ASTM F 36 J / BS 7531	6 - 14.0	%
Recovery	ASTM F 36 J / BS 7531	≥ 50.0	%
Tensile Strength	ASTM F 152	≥ 8.0	N/mm ²
Gas Sealability / Permeability	BS 7531	≤ 1.0	ml/ min.
ASTM oil no.3 (5h, 150°C)	ASTM F 146 / BS 7531		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 15.0	%
Fuel B (5h, 23°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 15.0	%
Water (5h, 100°C)	ASTM F 146 / BS 7531		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Stress Relaxation (16h X 300°C, 2.00/1.50 mm)	DIN 52913 / BS 7531	≥ 25.0	mpa
Flexibility	BS 7531	No sign of cracks	--

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.