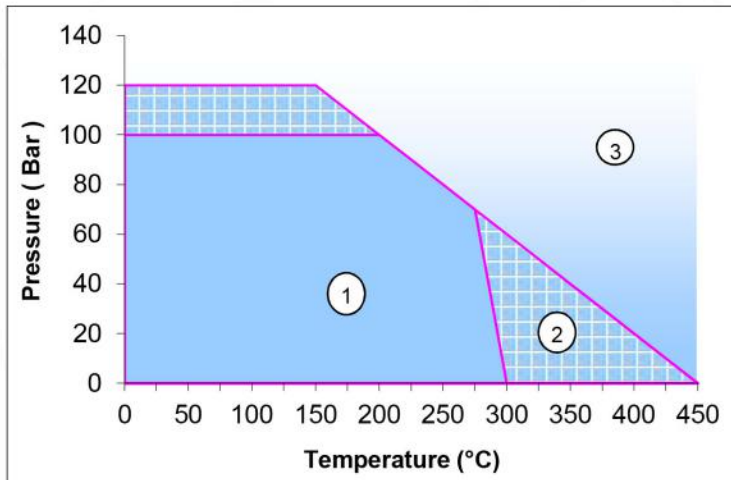


Basis

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

Application

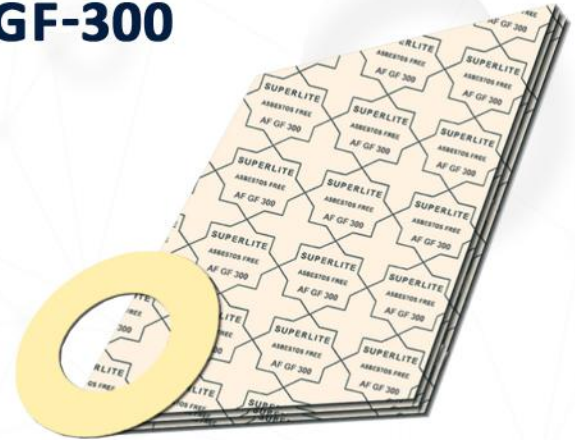
Suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids and alkalis for high stress conditions.



Area of application

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

AF GF-300



Dimensions of the standard sheets:

Standard sheet sizes:

1500 X 1500 mm, 1500 X 2250 mm
 1500 X 4500 mm, 1500 X 1000 mm, 1000 X 1000 mm
 1500 X 4000 mm, 1500 X 2000 mm, 1300 X 3900 mm
 1270 X 1270 mm, 2100 X 3000 mm, 1500 X 3000 mm

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 of 2.00 mm / Test sample 1.50 mm

	TEST METHOD	SPECIFIED VALUE	UNIT
Max. Peak Temperature		450	°C
Max Operating Temperature		300	°C
Max. Operating Pressure		120	bar
Density	ASTM F 1315	1.60-1.90	g/cm ³
Compressibility	ASTM F 36 J / BS 7531	5-15	%
Recovery	ASTM F 36 J / BS 7531	≥ 50.0	%
Tensile Strength	ASTM F 152	≥ 11.0	N/mm ²
Gas 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		≤ 10.0	%
Fuel B (5h, 23°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Water (5h, 100°C)	ASTM F 146 / BS 7531		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Stress Relaxation (16h X 300°C 2.00mm/1.50mm)	DIN 52913 / BS 7531	≥ 25.0	MPA
Flexibility	BS 7531	No sign of cracks	-

All information and recommendations given in this brochure 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.