

Superlite®

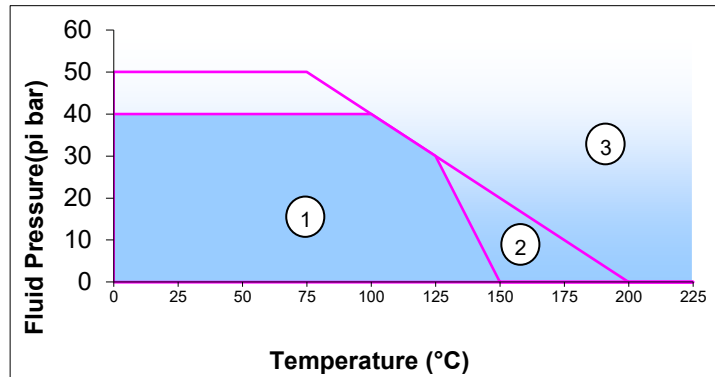
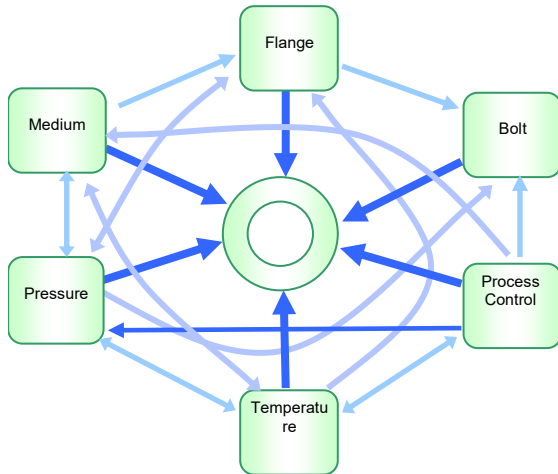
SUPERLITE COMMERCIAL NA 7000 STEEL

Basis

Gasket material based on organic fibre, SBR binder & NBR binder With **GI Wire**

Application

General purpose grade suitable for low pressure steam, water, oils, fuels and inert gases for low 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 digram. 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 :

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.

Finish : Green

Technical data

All data are typical values and refer to sheet thickness of 2.0 mm

	Test method	Specified Value	Unit
Max. Peak Temperature		200	°C
Max. Operating Temperature		150	°C
Max. Operating Pressure		50	bar
Density	ASTM F 1315	1.6 - 1.9	g/cm ³
Compressibility	ASTM F 36 J	7 -14	%
Recovery	ASTM F 36 J	≥ 40	%
Tensile Strength	ASTM F 152	≥ 6	N/mm ²
Gas Sealability	ASTM F 37 B	< 1.0	ml/ hour.
ASTM oil no.3 (5h, 150°C)	ASTM F 146		
Thickness Increase		≤ 15	%
Weight Increase		≤ 20	%
ASTM Fuel B (5h, 23°C)	ASTM F 146		
Thickness Increase		≤ 20	%
Weight Increase		≤ 20	%
Water (5h, 100°C)	ASTM F 146		
Thickness Increase		≤ 10	%
Weight Increase		≤ 15	%

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 behavior in a gasket joint . Therefore , information can only serve as a guideline.