

Superlite®

SUPERLITE ASBESTOS FREE

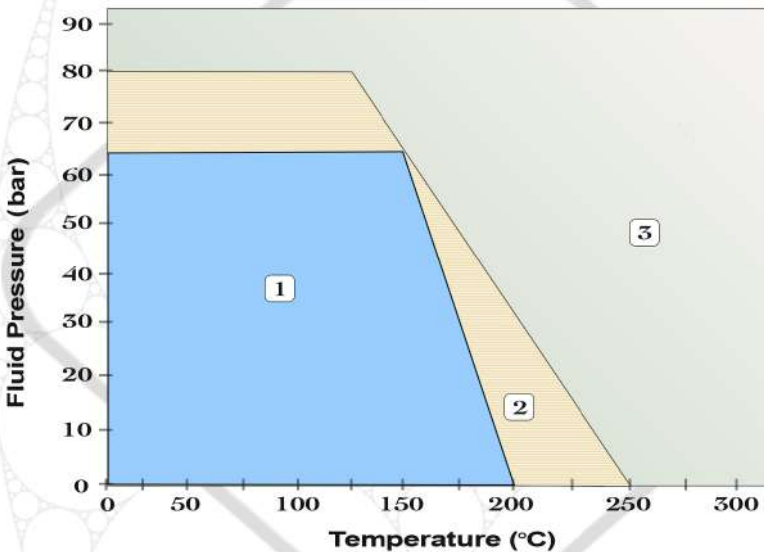
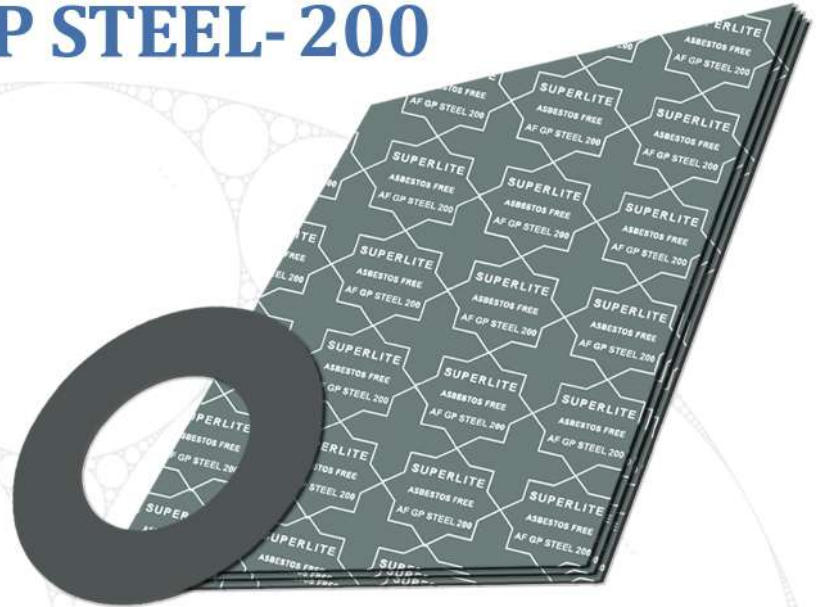
■ Basis

Gasket material based on mineral fibre, organic fibre, inorganic fillers with NBR binder and steel wire reinforced.

■ Application

General purpose metallic grade suitable for medium pressure steam, water, oils, fuels and inert gases for low stress conditions.

GP STEEL-200



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.

■ **Specification : ASTM**

■ **Finish : G/GR**

(other Colour on Customer requirement).

Technical data

All data are typical values and refer to sheet thickness of 2.00 mm

| | Test method | Specified Value | Unit |
|--|-------------|-----------------|-------------------|
| Max. Peak Temperature | | 250 | °C |
| Max. Operating Temperature | | 200 | °C |
| Max. Operating Pressure | | 80 | bar |
| Density | ASTM F 1315 | 1.70 - 2.0 | g/cm ³ |
| Compressibility | ASTM F 36 J | 7 -17.0 | % |
| Recovery | ASTM F 36 J | ≥ 40.0 | % |
| Tensile Strength | ASTM F 152 | ≥ 8.0 | N/mm ² |
| ASTM oil no.3 (5h, 150°C) | ASTM F 146 | | |
| Thickness Increase | | ≤ 15.0 | % |
| Weight Increase | | ≤ 20.0 | % |
| Fuel B (5h, 23°C) | ASTM F 146 | | |
| Thickness Increase | | ≤ 20.0 | % |
| Weight Increase | | ≤ 20.0 | % |
| Water (5h, 100°C) | ASTM F 146 | | |
| Thickness Increase | | ≤ 10.0 | % |
| Weight Increase | | ≤ 15.0 | % |
| Stress Relaxation (16h X 175°C 2.00 mm) | DIN 52913 | ≥ 17.0 | mpa |

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.