



Superlite - 5000 Steel

TECHNICAL DATA SHEET

Basis

Chrysotile asbestos fibre, Natural Rubber with 8 mesh MS wire reinforced.

General properties and applications :

To seal of water, steam, air and various alkaline chemicals under low stress conditions.

Dimensions of standard sheets :

Standard sheet sizes : 1500 mm X 1500 mm, 1500 mm X 4500 mm

Thickness: 0.75mm, 1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm

(other sheet thickness on requirement).

Finish : Grey / Graphited

Technical data

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

	Specification	
Max. Operating Temperature		415°C
Max. Operating Pressure		45bar
Density	ASTM F 1315	2g/cm ³
Compressibility	ASTM F 36 A	8%
Recovery	ASTM F 36 A	45%
Tensile Strength	ASTM F 152	12N/mm ²
Stress Relaxation (50 N/mm ² , 16h, 300°C)	DIN 52913	-
Loss on ignition	ASTM F 495	23%
Thickness increase	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		-
ASTM Fuel B (5h, 23°C)		-
Weight increase	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		-
ASTM Fuel B (5h, 23°C)		-
Water (48h, 23°C)		6%

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.

