



# Superlite - It 'O'



## TECHNICAL DATA SHEET

Basis

Chrysotile asbestos fibre, Nitrile Butadiene Rubber

General properties and applications :

Recommended for refrigerating and motor oils, carburetor fuel mixtures, hydraulic fluids, steam, alkalies and water/antifreeze and water/anticorrosion mixtures and solvents under high stress conditions.

Dimensions of standard sheets :

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

Thickness: 0.25mm, 0.30mm, 0.50mm, 0.75mm, 1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm  
(other sheet thickness on requirement).

Finish : Grey

### Technical data

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

	Specification	
Max. Operating Temperature		550°C
Max. Operating Pressure		140bar
Density	DIN 3754	1.95g/cm <sup>3</sup>
Compressibility	ASTM F 36 A	7%
Recovery	ASTM F 36 A	50%
Tensile Strength	DIN 52910	28N/mm <sup>2</sup>
Stress Relaxation (50 N/mm <sup>2</sup> , 16h, 300°C)	DIN 52913	30N/mm <sup>2</sup>
Loss on ignition	DIN 52911	24%
Thickness increase	DIN 3754	
ASTM oil no.3 (5h, 150°C)		15%
ASTM Fuel B (5h, 23°C)		13%
Weight increase	DIN 3754	
ASTM oil no.3 (5h, 150°C)		12%
ASTM Fuel B (5h, 23°C)		10%

Water (48h, 23°C)

5%

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.