

Superlite®

## SUPERLITE ASBESTOS FREE

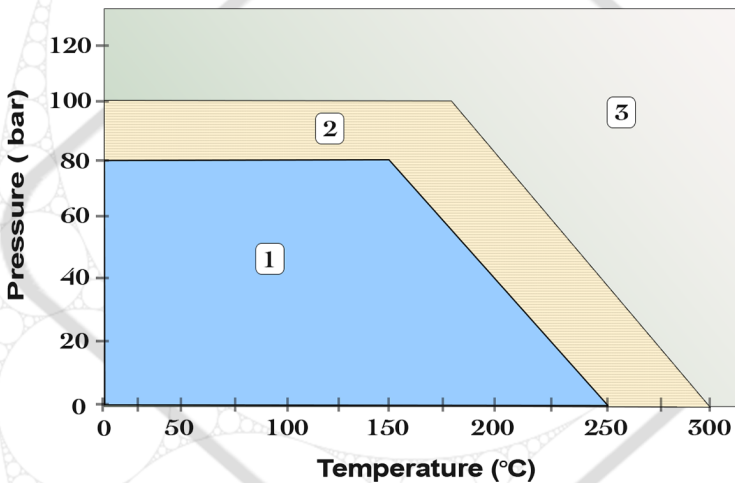
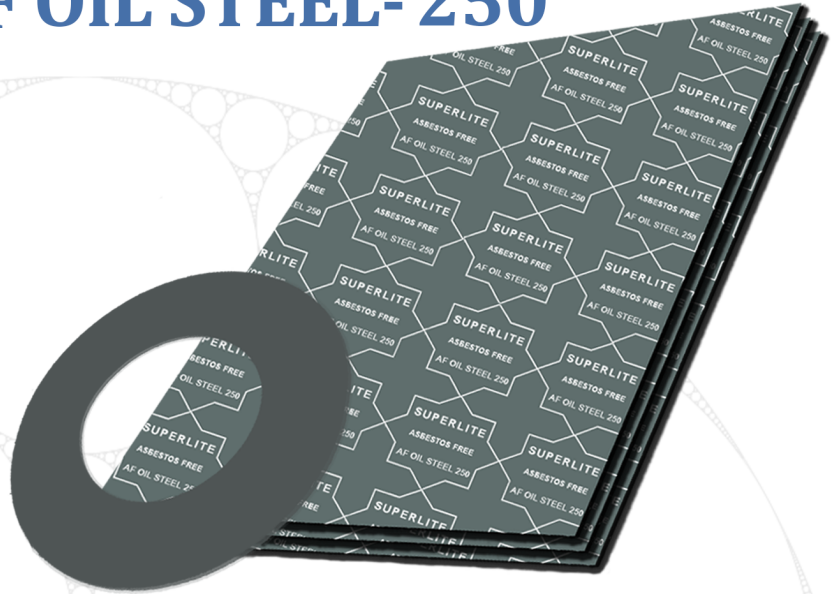
### AF OIL STEEL-250

#### ▪ Basis

Gasket material based on Aramid fibre & organic fibre with NBR binder and steel wire reinforced.

#### ▪ Application

A premium metallic grade suitable for oils, fuels, lubricants, alcohols, gases, Hydrocarbons, steams, water, cooling liquids, most diluted acids and alkalis for medium stress conditions.



#### 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,  
1270 X1270 mm, 2100 X 3000 mm, 1500 X 3000 mm.

#### 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.

▪ **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		300	°C
Max. Operating Temperature		250	°C
Max. Operating Pressure		100	bar
Density	ASTM F 1315	1.70 - 2.0	g/cm <sup>3</sup>
Compressibility	ASTM F 36 J	7 -17.0	%
Recovery	ASTM F 36 J	≥ 40.0	%
Tensile Strength	ASTM F 152	≥ 10.5	N/mm <sup>2</sup>
ASTM oil no.3 (5h, 150°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 15.0	%
ASTM Fuel B (5h, 23°C)	ASTM F 146		
Thickness Increase		≤ 10.0	
Weight Increase		≤ 15.0	%
Water (5h, 100°C)	ASTM F 146		%
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Stress Relaxation (16h X 175°C, 2.00 mm)	DIN 52913	≥ 22.0	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.