

**Superlite<sup>®</sup>**

## SUPERLITE ASBESTOS FREE

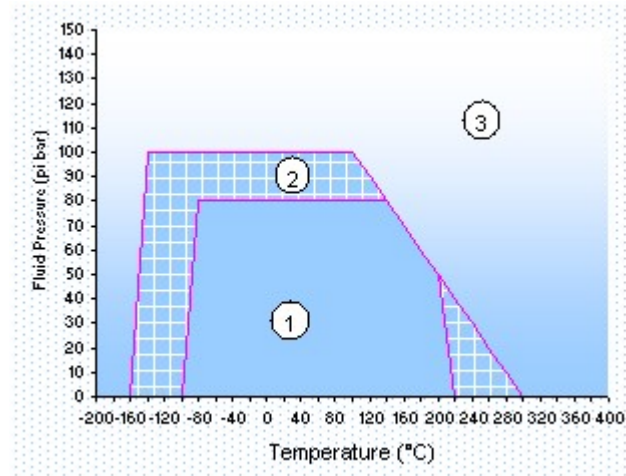
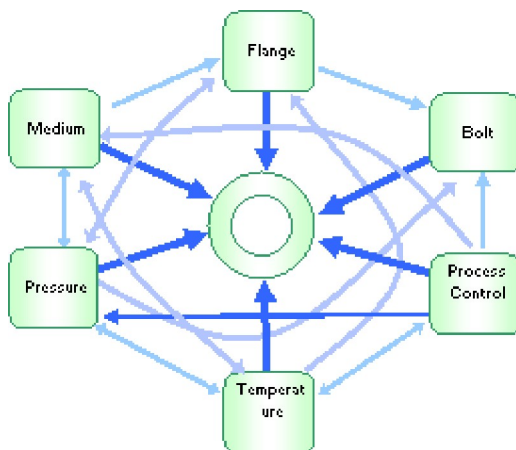
### OIL-220

#### **Basis**

Gasket material based on Aramid fibre & organic fibre with NBR binder.

#### **Application**

Suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids and alkalies for medium 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 diagram. 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**

1500 mm X 1500 mm, 1500 mm X 2250 mm, 1500 mm x 4500 mm

Specification: ASTM F 712122E32 A9 B6 M5

#### Technical data

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

	Specification	
Max. Peak Temperature		300°C
Max. Operating Temperature		220°C
Max. Operating Pressure		100bar
Density	ASTM F 1315	1.8g/cm <sup>3</sup>
Compressibility	ASTM F 36 J	8%
Recovery	ASTM F 36 J	50%
Tensile Strength	ASTM F 152	9N/mm <sup>2</sup>
Creep Relaxation	ASTM F 38 B	35%
Gas Sealability	ASTM F 37 B	< 1.0ml/min.
Thickness Increase	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		10%

ASTM Fuel B (5h, 23°C)		10%
Water (5h, 100°C)		5%
Weight Increase	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		15%
ASTM Fuel B (5h, 23°C)		10%
Water (5h, 100°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