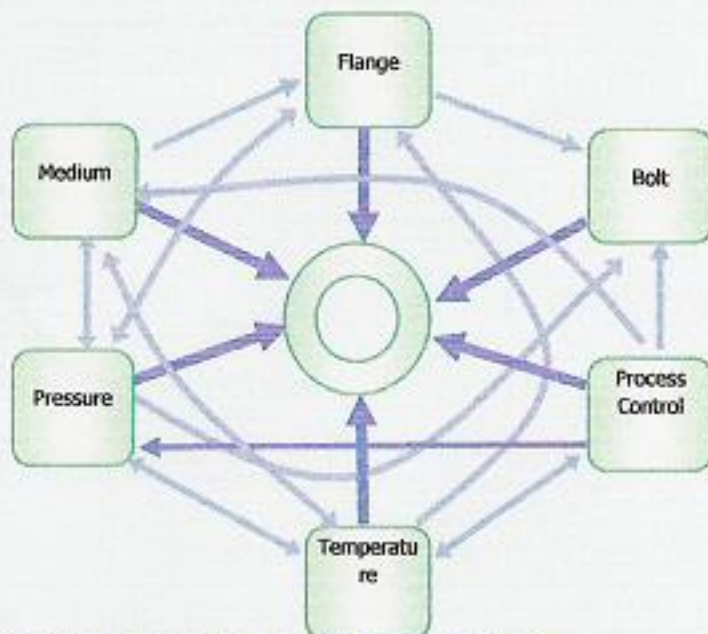




### Basis

Gasket material based on Carbon Fibre with NBR binder.



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 digram. 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 in (mm.) :

1500 X 1500 , 1500 X 2250 , 1500 X 4500 , 1500 X 4000 , 1500 X 1000, 1500 X 2000

**Specificatoon** : ASTM F 104F712111 E22 A9 B5 M5

### Technical data

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

	Specification	
Max. Peak Temperature		440 °C
Max. Operating Temperature		350 °C
Max. With Steam		250 °C
Max. Operating Pressure		100 bar
Density	ASTM F 1315	1.8 g/cm <sup>3</sup>
Compressibility	ASTM F 36 J	8 %
Recovery	ASTM F 36 J	55 %
Tensile Strength	ASTM F 152	8 N/mm <sup>2</sup>
Stress Relaxation (16h 300° C)	BS 7531	20 N/mm <sup>2</sup>
Stress Relaxation (16h 175° C)	DIN 52913	28 N/mm <sup>2</sup>
Gas Sealability	ASTM F 37 B	< 1.0 ml/min.
<b>Thickness Increase</b>	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		7 %
ASTM Fuel B (5h, 23°C)		7 %
Water (5h, 100°C)		7 %
<b>Weight Increase</b>	ASTM F 146	
ASTM oil no.3 (5h, 150°C)		10 %
ASTM Fuel B (5h, 23°C)		10 %
Water (5h, 100°C)		10 %