


TECHNICAL DATA SHEET

Colour	
Composition	Carbon fibres and high quality NBR binder
Density DIN 28090-2 (g/cm ³)	1,6 - 1,9
Max working temperature continual (°C)	250
Max working temperature peak(°C)	450
Max operating pressure (MPa)	10
Leakage rate Din 3535-6 (mg*s ⁻¹ *m ⁻¹)	0,05
Residual stress* 16h/175°C Din 52913 (MPa)	32
Compressibility ASTM F 36-J (%)	5 - 15
Recovery ASTM F 36-J (%) min.	50
ASTM OIL - IRM 903 5h/150°C max(%) ASTM F 146	3
ASTM FUEL B 5h/23°C max(%) ASTM F 146	5
Availability Sheets size (mm)	1,500x1,500 1,500x3,000
Thickness (mm)	0,5 to 5,0
Tolerances Sheets size (mm)	+/- 50
Thickness (%)	+/- 10

Other sheet sizes and thicknesses available upon request.
Maximum temperature and pressure values cannot be used simultaneously.
Typical parameters of 2 mm thickness jointing.

* Value valid for 1,5 thickness jointing..

For a detailed list of our approvals please visit the dedicated area on our website
www.fmi-spa.com/approvals

All technical data is based on laboratory tests.

FMI spa reserves the right to modify the characteristics of its entire product range without obligation to anyone.

