



MATERIAL SPECIFICATION
(TYPICAL PROPERTIES)

PRODUCT: PTFE + 15% GRAPHITE

<u>Property</u>	<u>Method</u>	<u>Units</u>	<u>Specification</u>
Specific gravity	ASTM D792	-	2,140 - 2,190
Tensile strenght	ASTM D4894	Mpa	18 - 23
Elongation	ASTM D4894	%	200 - 250
Hardness	ASTM D2240	Shore D	55 – 60
Deformation under load (140 Kg/cm ² for 24 hrs. At 23° C)	ASTM D695	%	10 - 12
Permanent deformation (after 24 hrs. Relaxation at 23° C)	ASTM D695	%	5 - 6
Volume resistivity	ASTM D257	Ohm cm	10 ⁷
Ageing and weatherability			Stable over 20 years of exposure
Service Temperature		C°	-200 / +260

Outstanding properties:

Good thermal conductivity, low coefficient of friction, low permeability.

All technical information and advice are based on our experience and are to the best of our knowledge, but do not state any liability by our company. Specifications and values must always be checked by the customers, for they are the only ones that can judge the efficiency of a product taking into account all of the one site operating conditions.