



Carbo-Graphite PTFE

Polytetrafluoroethylene

25% Carbo-graphite

Standard Colour: **Grey**

Extruded

Properties	Unit	Test method	Value
Hardness	Shore D	ASTM D2240	≥ 60
Density	g/cm ³	ASTM D792	2.04 – 2.10
Elongation at break – CD*	%	ISO527	≥ 50
Tensile strength – CD*	N/mm ²	ISO527	≥ 12
*CD = Cross Direction			
Electrical			
Volume resistivity	Ω•cm	ASTM D257	<10 ⁴
Surface resistivity	Ω	ASTM D257	<10 ⁴
Thermal			
Min service temperature	°C		-200
Max service temperature	°C		+260
Thermal expansion coefficient (linear) 25 – 100°C	10 ⁻⁵ (mm/mm)/°C	Similar to ASTM D696	10 – 12

All above stated data results from random tests which were taken from the ongoing production. All data was established based on standard test-products according to ISO, DIN and ASTM standards and can basically not be carried over to the completed seal.

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