High-tech-flon®
high performance films and fabrics

Technical Data Sheet

Hightechflon GmbH & Co. KG
Macairestr. 4
78467 Konstanz
Phone: +49 (0)7531 917 541

PTFE.EXS.050

PTFE

Sheet

General Properties	Unit	Value
Nominal Thickness	mm	0,50
Effective Thickness	mm	0,500
Weight	g/piece	180,00
Density		1,42
Temperature resistance	°C	-140 to +260
Temperature resistant, short-term (max. 60 minutes)	°C	+300
Surface Resistivity	Ω/m	<1 x 10^17
Hardness		Shore A 65–75
Compressibility	%	55-66
recovery behavior	%	18-22
Permeability	mbar.l/(s.m)	9,2 x 10^7
Color		white

The values apply exclusively to the base material without adhesive, liner, or other components. All stated values are subject to tolerances of +/- 5%

This information and our technical advice—whether provided orally, in writing, or in the course of trials—are given to the best of our knowledge, but without warranty. This also applies where third-party intellectual property rights are affected. Our advice does not release you from the obligation to verify its validity and to test our products for their suitability for the intended purpose. Storage, application, and use of our products are beyond our control and are therefore exclusively your own responsibility. Our products are sold in accordance with our General Terms and Conditions of Sale. The information contained in this data sheet is subject to change without prior notice.