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.SFL.100.AD

PTFE SFL
by meter

General Properties	Unit	Value
Nominal Thickness	mm	1,00
Effective Thickness	mm	1,000
Weight	g/m²	2200,00
Density		2,20
Temperature resistance	°C	-70 to +230
Surface Resistivity	Ω/m	<1 x 10^17 Ohm
Dielectric strength	KV/mm	60
Adhesive Type		Silicone
Adhesive thickness	mm	65,000
Adhesion Strength	N/cm	65,0
Coefficient of friction (against steel)		0,04-0,10
Tensile strength	N/mm²	20-40
Elongation	%	<250
Hardness		Shore D 55
Standard width(s)	mm	520,00
Standard Length(s)	mm	25000,00
Color		Grey

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.