



Technical Data Sheet

Property	Values	Unit	Test method
Peel strength	> 1,0	N/ mm	DIN EN 60 249-1
Tensile strength* MD TD	> 130 > 1600	N/ mm ²	DIN EN ISO 527-3
Elongation to break* MD TD	> 5 > 10	%	DIN EN ISO 527-3
Maximum operating temperature	110	°C	
Heat resistant (short time)	150	°C	
Shrinkage # after etch 30 min/ 150 °C MD TD	< 0,7 < 0,3	%	DIN EN 60 249-1
Surface resistance R _o min.	10 ¹¹	Ω	ASTM-D 257-83
Volume resistance	10 ¹³	Ω × cm	ASTM-D 257-83
Dissipation factor tan δ (23 °C/ 1 kHz)	0,03		ASTM_D 150-81
Permittivity	max. 4,0		ASTM-D 150-81
Breakdown voltage	mind. 75	kV / mm	ASTM-D 149-81
Flexlife with Coverley Film without Coverley Film	20000 300		DIN EN 60 249-1

* for Base Material 35 μ ED-Cu/ 50 μ PET

with special PET 0,5 MD// 0,2 TD

The foregoing data have been obtained using standard test procedures on defined specimens. The results should therefore only be regarded as a general guide to material properties and not as design data