



Technical Data Sheet

Property	Values	Unit	Test method
Peel strength	> 1,0	N/ mm	DIN EN 60 249-1
Tensile strength* MD	> 170	N/ mm ²	DIN EN ISO 527-3
TD	> 170		
Elongation to break* MD	> 8	%	DIN EN ISO 527-3
TD	> 15		
Maximum operating temperature	120	°C	
Heat resistant (short time)	150	°C	
Shrinkage after etch 30 min/ 130 °C MD	max. 0,15	%	DIN EN 60 249-1
TD	< 0,02		
TD	< 0,02		
Surface resistance R _o min.	10 ¹⁵	Ω	ASTM-D 257-83
Volume resistance	10 ¹⁶	Ω × m	ASTM-D 257-83
Dissipation factor tan δ (23 °C/ 1 kHz)	0,013		ASTM_D 150-81
Permittivity	max. 3,4		ASTM-D 150-81
Breakdown voltage	12	kV	ASTM-D 149-81
Flexlife with Coverley Film	20000		DIN EN 60 249-1
without Coverley Film	300		

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

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