



Technical Data Sheet

Property	Values	Unit	Test method
Peel strength	> 1,0	N/ mm	DIN EN 60 249-1
Tensile strength* MD TD	> 190 > 174	N/ mm ²	DIN EN ISO 527-3
Elongation to break* MD TD	> 30 > 15	%	DIN EN ISO 527-3
Maximum operating temperature	130	°C	
Heat resistant (short time)	160	°C	
Shrinkage after etch 30 min/ 150 °C MD TD	< 0.02 < 0.03	%	DIN EN 60 249-1
Surface resistance R _o min.	10 ¹¹	Ω	ASTM-D 257-83
Breakdown voltage	mind. 180	kV / mm	ASTM-D 149-81
Flexlife with Coverley Film without Coverley Film	20000 300		DIN EN 60 249-1
Coefficient of Hygroscopic Expansion	2.2 × 10 ⁻⁵	in/in/% RH	

* for Base Material 35Cu/ 75 PI

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