

CONFORMAL FILM FLOW STOP FS 25

FS 25 – Conformal Film Flow Stop replaces the function of Kraftpaper for laminating FPCs using Conformal Film, PE or PVC film. It prevents extensive flow of conformal film and increases the FPC lamination output

capacity instantly by over 20%!!! It has no insulation and with no Kraftpaper, no dust particle can contaminate the FPC panels!

PROPERTIES

Thermal usage in the hot press	max. 200 °C (392 °F) for 90min.		
Melting point	250 °C ± 10 °C		
Density	1.400 gcm ⁻³		ASTM-D1505
Tensile strength	MD	≥ 210 Nmm ⁻²	ASTM D882A
	TD	≥ 210 Nmm ⁻²	ASTM D882A
Elongation at break (v= 50mm/min ⁻¹)	MD	≥ 60 %	ASTM D882A
	TD	≥ 60 %	ASTM D882A
Heat shrinkage (150°C / 30min.)	MD	≤ 1.5 %	ASTM D1204
	TD	≤ 0 %	ASTM D1204
Coefficient of friction (static)	0.85		ASTM D1894
Coefficient of friction (dynamic)	0.57		ASTM D1894
Decomposition temperature	> 270 °C		
Moisture Absorption	< 0.9 % at common room conditions		
Appearance	White		
Haze	75%		ASTM-D1003
Surface	Matt - both sides, Ra < 8,7 µm		
Storage Life	> 1 year at room temperature		
Thickness	25 µm – 1.0 mm		
Length of film	1000 / 500 m		
Roll widths	660, 680, 991, 1295 mm		

Subject to changes due to technical improvements without prior notice.

Other dimensions on request.