

# RELEASE FILM RLX 38

RLX 38 – Release Film is a very economical solution to be used in all different types of lamination processes. The maximum laminating temperature is 200°C.

RLX 38 – Release Film is an inert or non reactive material and leaves no residues on

the PCB –surfaces. Excellent functional and dimensional properties under common thermal conditions and high pressure guarantees a very easy release.

## PROPERTIES

Thermal usage in the hot press	max. 200 °C (392 °F) for 90min.		
Melting point	250 °C ± 10 °C		
Density	1.400 gcm <sup>-3</sup>		ASTM-D1505
Tensile strength	MD	≥ 180 Nmm <sup>-2</sup>	ASTM D882A
	TD	≥ 180 Nmm <sup>-2</sup>	ASTM D882A
Elongation at break (v= 50mm/min <sup>-1</sup> )	MD	≥ 80 %	ASTM D882A
	TD	≥ 80 %	ASTM D882A
Heat shrinkage (150°C / 30min.)	MD	≤ 1.8 %	ASTM D1204
	TD	≤ 0.5 %	ASTM D1204
Coefficient of friction (static)	0.18		ASTM D1894
Coefficient of friction (dynamic)	0.09		ASTM D1894
Decomposition temperature	> 270 °C		
Moisture absorption	< 0.9 % at common room conditions		
Appearance	translucent		
Haze	2,8 %		ASTM-D1003
Surface	smooth - both sides, Ra < 0.1 µm		
Storage Life	> 1 year at room temperature		
Thickness	38 µm – 1,5 mm		
Length of film	914 m – 3000 ft		
Roll widths	660 x 680 x 991 x 1295 mm		

Subject to changes due to technical improvements without prior notice.

Other dimensions on request.