

RELEASE PAPER RLP 44

RLP 44 – Release film – paper type is a very economical solution to be used for the lamination process of CCL, HDI- & Via-hole PCB's, even FPC's with thin copper or 1 mil Coverlay, as well as for the Smartcard lamination and re-lamination process where little conforming behaviour is required. This film can withstand high temperatures and

creates mat or rough surfaces. This is also a very cheap solution if anti-static is required.

PRODUCT SPECIFICATIONS

Property		Units	Spec.	Test Methods
Size	Width Length	mm m	660 (max. 2200) 1000	Scale Encoder
Lamination Temperature		°C	190 (max. 210)	Thermometer
Average Thickness		µm	min. 44.0 max. 59.0	ISO 538
Substance		g/sqm	min. 42.2 max. 45.8	ISO 536
Tensile Strength		daN/15mm	MD min. 5.0 TD min. 2.0	ISO 1924
Elongation at Break		%	MD min. 1.4 – 2.3 TD min. 8.0 – 17	ISO 1924
Surface roughness **		R max (µm)	min. 5,0	Surface tester
Whiteness		%	77	ISO 2470
Guarantee			12 month	

Subject to changes due to technical improvements without prior notice.

Other dimensions on request.

* Surface roughness after the lamination process of PVC film – result may vary, depending on pressure over time and the use of vacuum.

Comment

This paper type release film has a barrier to Conformal film and 1 sheet can also be used to replace Kraft paper as it will prevent the contamination of press plates. Therefore the number of panels per book can be increased, Conformal film thickness reduced and the output increased. This paper is turning slightly yellow during the lamination which is normal and not causing any problems. The release function will remain good!