

Raised Panel Plates LSPP

The LSPP Panel Plates are thermal transfer printable plates which replaces engraved signs. The marking is quicker, more effective and even more cost effective than conventional engraved signs and also offers durability and high adhesion strength. Panel Plates are available in white and metalized, but can be offered in many other colors and dimensions upon request.

Technical data

Physical Properties	Value	Test method
Thickness (micron)	625	ASTM D 3652
Dimensional stability (%)	No shrinkage observed	On Al panel at 70°C for 24 hrs
Adhesion properties		
Polypropylene	11N / 25mm	DIN EN 1939 after 24 hours at 21°C
Polyethylene	5N / 25mm	DIN EN 1939 after 24 hours at 21°C
PVC	29N / 25mm	DIN EN 1939 after 24 hours at 21°C
Steel	38N / 25mm	DIN EN 1939 after 7 days at 38°C and 100% relative humidity
Shear strength	40N / 625mm ²	On steel according to DIN EN 1943, edition 1996, at 23°C ± 2°C
Peel strength	40N / 25mm	On steel according to DIN EN 1943, edition 1996, at 23°C ± 2°C
Technical properties		
Tensile strength	≥ 150 Mpa ≥ 15,29 Kg/mm ² ≥ 21710 p.s.i	D.M. D.M. D.M.
Elongation	≥ 70%	D.M.
Breaking strength	≥ 187,5 N/cm ≥ 19,1 kg/cm ≥ 107,0 p.i.w.	D.M. D.M. D.M.
Electric breakdown	13,5 kV	D.M.
Expected exterior life	2 years	
Min. application temperature	10°C	
Storage ability	2 years stored at 21°C and 50% relative humidity	



Notes

This information and data is believed to be accurate and reliable. Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of this date, Link Solutions makes no representations as to the completeness or accuracy thereof. We place at your disposal the technical information necessary for the correct use of our products. As conditions and methods of use are beyond our control, that the person receiving the same will make their own determination as to the suitability for their purpose.

We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market

Colors

White and metalized
Other colors available on request.

Material

Top-coated thermal transfer printable.
Polyester film coated with a permanent pressure sensitive acrylic adhesive mounted with a compressible foam carrier and backed with a glassine release liner.

Operating temperature

-40°C to +90°C.

Recommended ribbon

FTI-Y ribbon

Recommended application temperature

18°C to 35°C

Liner material

Silicone paper

Packaging

Continuous rolls.

Excellent resistance to ageing, weathering and UV-radiation.

Extensive resistance to the influence of chemicals and solvents (domestic cleaners and polishing agents).

On account of its compressible and elastic foam carrier, the adhesive tape assures a perfect adaptation to surfaces by compensating for different expansion coefficients of the substrates that are joined.

Suitable for indoor and outdoor applications on smooth and slightly rough surfaces.