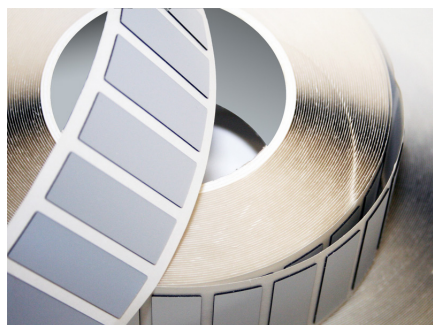




Technical data sheet

LSPP - Panel Plates



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 colours and dimensions upon request.

Dimensions data

Part	Dimension	Material	Qty	Unit
LSPP-027x0125	27x12,5 mm.	PET	1000	Roll
LSPP-027x015	27x15 mm.	PET	1000	Roll
LSPP-027x018	27x18 mm.	PET	1000	Roll
LSPP-035x015	35x15 mm.	PET	1000	Roll
LSPP-035x018	35x18 mm.	PET	1000	Roll
LSPP-045x015	45x15 mm.	PET	1000	Roll
LSPP-048x019	48x19 mm.	PET	1000	Roll
LSPP-050x015	50x15mm.	PET	1000	Roll
LSPP-060x030	60x30 mm.	PET	1000	Roll
LSPP-070x018	70x18 mm.	PET	500	Roll
LSPP-080x060	80x60 mm.	PET	500	Roll
LSPP-090x045	90x45 mm.	PET	500	Roll
LSPP-100x030	100x30 mm.	PET	500	Roll
LSPP-100x050	100x50 mm.	PET	500	Roll
LSPP-105x140	105x140 mm.	PET	500	Roll
LSPP-119x019	119x19 mm.	PET	500	Roll
LSPP-120x040	120x40 mm.	PET	500	Roll
LSPP-040x030-H20	40x30 mm. Ø20	PET	1000	Roll
LSPP-045x025-H20	45x25 mm. Ø20	PET	1000	Roll

Colours

White and metalized

Other colours 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 - +90°C

Recommended ribbon

FTI-Y ribbon

Notes:

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



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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

Adhesion strength (N/mm)		
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	D.M.
	≥ 15,29 Kg/mm ²	D.M.
	≥ 21710 p.s.i	D.M.
	≥ 70%	D.M.
Elongation	≥ 70%	D.M.
Breaking strength	≥ 187,5 N/cm	D.M.
	≥ 19,1 kg/cm	D.M.
	≥ 107,0 p.i.w.	D.M.
Electric breakdown	13,5 kV	

Expected exterior life	2 years
Min. application temperature	10°C
Storage ability	2 years stored at 21°C and 50% relative humidity



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

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