



**PLASTRONIC®**

The PL-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 en-graved 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.

## 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.
<b>Adhesion properties</b>		
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 <sup>2</sup>	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
<b>Technical properties</b>		
Tensile strength	≥ 150 Mpa	D.M.
	≥ 15,29 Kg/mm <sup>2</sup>	D.M.
	≥ 21710 p.s.i.	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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