



GENERAL INFORMATION

Design

PP+ and PPA+ is a profile which could be used for wire, cable, circuit card and component marking. The profile can be used with sleeves or mounted directly on the circuit card or component.

Both profiles has a hard flat surface that makes it ideal for thermo transfer printing.

The PPA+ tape provides a highly secure adhesion on most structured surfaces etc.

NOTE: For the best adhesion of the tape on the PPA+, it is important to clean the surface thoroughly, preferably with spirits.

Print

Designed for printing in the ProMark marking system.

PP+/PPA+

FLAT PROFILE

- PP+ is a flat hard profile suited for PT+, PTC, PTM and PM sleeves.
- PPA+ is a flat hard profile with adhesive tape for cabinet and component marking.
- Developed for easy printing on site in the ProMark marking system.

TECHNICAL SPECIFICATION

Temperature range

-20°C to +60°C (-4°F to +140°F)

Storage

+10°C to +27°C (+32°F to +81°F) < 95% Rh

Product performance

- Flammability resistance according to UL94-V0.
- The substrate has excellent resistance against UV, ageing and chemicals.
- Performance with print depends on printing method.

Material

Semi hard PVC that complies with **RoHS** and **Reach**. The tape on PPA+ has a special high tack acrylic adhesive.

Colour

Yellow and white

APPLICATION



Terminal blocks with PP+ profile



A PP+ profile in a PTC sleeve mounted on a CAT 5 cable



PPA+ profile mounted on a component

PRODUCT AND ORDERING INFORMATION

Profile			
Article number	Information	Profile width	Pack
PP+04600SN*	Flat profile fits PT+, PTC, PM and PTM sleeves	4.6 mm	17 m
PP+04600DN*	Flat profile, fits PT+, PTC, PM and PTM sleeves	4.6 mm	50 m
PP+06300SN*	Flat profile, fits most Phoenix terminal blocks	6.3 mm	17 m
PP+06300DN*	Flat profile, fits most Phoenix terminal blocks	6.3 mm	50 m
PP+09000SN*	Flat profile, fits PM sleeves	9.0 mm	17 m
PP+09000DN*	Flat profile, fits PM sleeves	9.0 mm	50 m
PP+10000SN*	Flat profile, fits Entrelecs terminal blocks	10.2 mm	17 m
PP+10000DN*	Flat profile, fits Entrelecs terminal blocks	10.2 mm	50 m
PP+11000SN*	Flat profile, fits Wago TopJobs terminal blocks	11.0 mm	17 m
PP+11000DN*	Flat profile, fits Wago TopJobs terminal blocks	11.0 mm	50 m
PPA+09000SN*	Flat profile with adhesive	9.0 mm	10 m
PPA+09000DN9	Flat profile with adhesive	9.0 mm	25 m

* = product is available in both white and yellow. 4 for yellow and 9 for white.

TECHNICAL DATA - PP+/PPA+

Property	Unit	Value	Test method
Densitet	g/cm ³	1,29- 1,30*	ISO 1183
Thickness	PP+	0,5	ISO 4591
	PPA+	0,7	
Hardness	Shore A	98	ISO 868
	Shore D	64	
Tensile strength	Long	32	ISO 527-3/5/50
	Cross	30	
Dimensional	Long	-2	ISO 11501 100°C/10min
	Cross	1	
Elongation at break	Long	235	ISO 527-3/5/50
	Cross	230	

The data above is approximate values and should only be considered as indicative.

* = value of density is dependent on the color of the foil.

TECHNICAL DATA - ADHESIVE TAPE (PPA+)

Peel adhesion on different surfaces	
Material	After 14 days N/cm
Steel	14.8
Aluminium	12.4
ABS	13.7
PC	13.8
PS	12.2
PET	10.7
PVC	13.5
PP	8.7
PE	5.8
Temperature resistance	
Long term use	60°C
Mechanical properties	
Tensile	≥57.5 N / 15 mm
Elongation	20-55%