



Ref. 748 — PETprint 125 µ

Polyester (PET) film 125 µ with a neutral coating on both sides

DESCRIPTION

Polyester (PET) film with a neutral coating on both sides, intended for laser printing and photocopiers. Stated heat resistance up to 180 °C, very good dimensional stability and good tear resistance. Stated fields of application: labels, reprographics and electronics.

QUICK SUMMARY

Face material: PET film 125 µm, neutral coating on both sides

Adhesive: No adhesive (mechanical fastening)

Printing: Laser, thermal transfer, screen printing, offset

Shelf life: 6 months (see batch number)

Key points

- Heat resistance: up to 180 °C
- Very good dimensional stability
- Good tear resistance
- Suitable for labels, reprographics and electronics
- Standard widths: 1,000 / 1,200 mm

KEY ADVANTAGES

- Composition: polyester 125 µ with a neutral coating on both sides.
- Printing processes covered (per the data sheet): laser/photocopier, thermal transfer, screen printing, offset, flexography and rotogravure.
- Standard widths: 1,000 mm and 1,200 mm.
- Lengthwise rewinding (slitting) of the master reel available.
- Pantone colour available from 4,000 m².

RECOMMENDED APPLICATIONS

- Labels.
- Reprographics.
- Electronics.

PRINTABILITY

Printing processes (per the technical data sheet): laser – photocopier; thermal transfer; screen printing; offset; flexo / rotogravure. Validate inks/ribbons and printing parameters in the customer's own process.

MATERIAL STRUCTURE

LAYER	CODE	DESCRIPTION
Coated PET film	AJPRINT 125/223	Polyester 125 µ (neutral coated) coated on both sides



PHYSICAL PROPERTIES

PROPERTY	STANDARD	UNITS	VALUE	TOLERANCE
Relative density	ASTM D 1505-79 (23 °C)	—	1.4	—
Thickness	—	µm	135	±5 %
Grammage	—	g/m ²	189	±5 %
Melting point	ASTM E794-85	°C	255–260	—
Thermal expansion (20–50 °C)	—	1/K (cm/cm·°C)	19×10 ⁻⁶ / 16×10 ⁻⁶	—
Shrinkage (5 min at 190 °C)	—	%	4 (MD) / 2.5 (CD)	—

MECHANICAL PROPERTIES

PROPERTY	STANDARD	UNITS	VALUE
Burst strength — MD	ASTM D 882-83 (23 °C; 50 % RH; 50 %/min)	N/mm ²	20
Burst strength — CD	ASTM D 882-83	N/mm ²	26
Elongation — MD	ASTM D 882-83	%	100
Elongation — CD	ASTM D 882-83	%	80

STORAGE AND SHELF LIFE

Shelf life: 6 months after production (see batch number).

USAGE RECOMMENDATIONS

- Check that the application, the inks, the material and the equipment are suitable before production.
- Run print and converting trials beforehand under the real conditions of the process.
- Confirm the availability of formats (reel/sheet), special slitting and the Pantone option according to volume.

IMPORTANT NOTES

- The values given are typical values based on the manufacturer's data and may change without notice.
- We recommend checking that the application, the inks, the material and the equipment are suitable.
- Warranty: 6 months after production (see batch number).

This document is a technical data sheet for commercial use. For any advice on the suitability of the material, please do not hesitate to contact us.