

FASSON® Laser-/Copier Labels Film

issued: March 2016

Introduction

Self-adhesive film sheet products for digital printing on copiers and laser printers.

Description

Face :

PO Laser is a white, matt, opaque polyethylene film, suitable for laser printers.

Laser PET White is a matt white polyester film with an ink and toner receptive coating.

Laser PET Silver is a silver matt polyester film with backside metallization and ink and toner receptive coating.

Laser PET Transparent Gloss is a transparent gloss polyester film with an ink and toner receptive coating.

Laser PET Transparent Matt is a transparent matt polyester film with an ink and toner receptive coating.

Availability

<i>Adhesive</i> ➔	Extra Permanent	Extra Permanent	Extra Permanent	Extra Permanent	Extra Permanent
<i>Backing</i> ⤵	PO Laser	Laser PET White	Laser PET Silver	Laser PET Transp. Gloss	Laser PET Transp. Matt
No cracklines	x	x	x	x	x

Printing & Conversion

All products are specifically engineered for use on laser printers or copiers.

Each facematerial gives excellent toner key (no pre-treatment needed).

Stable constructions ensure problem-free runability. Before applying the label, the surface must be clean, dry and grease-free (see Technical bulletin 7.1).

Features

Excellent layflatness, enabling high speed printing using the advantages of full-colour digital printing such as: short runs, personalisation etc.

Recommendations for use

Multi-colour-, identification-, mailing (addressing/shipping)-, carton-, packaging-, inventory-, pricing-, barcode labels. Promotional-, seasonal- and theme- stickers. Suitable for flat or curved surfaces. For indoor and outdoor use.

General

Shelf life : 2 years stored at 20°C / 50% R.H.

Physical properties

Face

Type	PO Laser	Laser PET White	Laser PET Silver	Laser PET Transp. Gloss	Laser PET Transp. Matt
Basis weight	115 g/m ²	74 g/m ²	80 g/m ²	70 g/m ²	54 g/m ²
Caliper	173 micron	50 micron	55 micron	50 micron	46 micron

Adhesive

All products are equipped with acrylic based adhesives which are distinguished by very high ageing stability, UV- and heat resistance. Furthermore *PO Laser* complies with the European food directives and legislations, FDA 175.105 (for indirect food contact) and the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non fatty foodstuffs.

Type	PO Laser	Laser PET White	Laser PET Silver	Laser PET Transp. Gloss	Laser PET Transp. Matt
Peel Adhesion 90° (N/25 mm) (FTM 2 on st. St)	8	9	9	9	9
Tack (N/25 mm) (FTM 9 on glass)	15	14	10	14	14
Recommended minimum application temperature (°C)	+5	+10	0	+10	+10
Heat resistance (°C)	+100	+80	+150	+80	+80
Resistance to cold (°C) ¹⁾ down to	-20	-20	-80	-20	-20

¹⁾ Not fully resistant until after adhesion reaches full strength – after at least 24 hrs.

Backing

All laminates are equipped with a white, one side coated, bleached, kraft liner for an excellent flatness.

Type	PO Laser	Laser PET White	Laser PET Silver	Laser PET Transp. Gloss	Laser PET Transp. Matt
Basis weight	94 g/m ²	98 g/m ²	136 g/m ²	98 g/m ²	98 g/m ²
Caliper	101 micron	101 micron	141 micron	101 micron	101 micron

Laminate

Type	PO Laser	Laser PET White	Laser PET Silver	Laser PET Transp. Gloss	Laser PET Transp. Matt
Basis weight	250 g/m ²	195 g/m ²	233 g/m ²	193 g/m ²	176 g/m ²
Caliper (+/- 10%)	298 micron	168 micron	215 micron	175 micron	164 micron

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