

PRODUCT DATA

FASSON®

FASSON® Dry Toner Films

Issued May 2021

Introduction

A self-adhesive film sheet product for digital printing on dry toner machines.

Description

Face: Laser PET – transparent, white or silver polyester films with matt or gloss finish and a toner receptive surface.

PO Laser – white, matt polyethylene film with a toner receptive surface.

PP Laser – biaxially oriented, white, matt polypropylene film with a toner receptive surface.

Availability

<i>Backing</i> ↕	<i>Adhesive</i> ↻	Permanent (Laser PET)	Permanent (PP Laser)	Extra Permanent (Laser PET)	Extra Permanent (PO Laser)
No cracklines*		x	x	x	x

Printing & Conversion

All products are specifically engineered for use on the Dry Toner sheet-fed presses. 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. All adhesives are specifically developed for applications on rough and apolar surfaces.

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 / 55% R.H.

For information regarding EHS regulation, please visit our website under downloads “Technical bulletins“ TB 7.8 Product Compliance Fasson Offset” and for technical guidance “Technical bulletins“ – Offset printing.

PRODUCT CHARACTERISTICS

Physical properties

Face	Laser PET White Matt	Laser PET White Gloss	Laser PET Transp. Matt	Laser PET Transp. Gloss	Laser PET Silver Matt	PO Laser	PP Laser
Basis weight:	74 g/m ²	76 g/m ²	54 g/m ²	70 g/m ²	80 g/m ²	115 g/m ²	93 g/m ²
Caliper:	50 micron	50 micron	46 micron	50 micron	55 micron	173 micron	109 micron

Adhesive

Permanent	Clear emulsion adhesive for demanding labeling applications, featuring excellent initial tack, adhesion (Laser PET) and "wet-out" performance even on apolar surfaces such as HDPE. Improved temperature, water, solvent and chemical resistance.
Permanent	General purpose permanent, acrylic-based adhesive. The adhesive is characterized by a high initial tack, (PP Laser) excellent adhesion and good low temperature performance on a wide variety of substrates.
Extra Permanent	Crystal clear, solvent-based acrylate adhesive with max. UV- and weather resistance. Good initial and final adhesion (Laser PET) together with a higher ageing stability compared to standard permanent adhesives. Resistant against high temperatures.
Extra Permanent	Permanent acrylic based adhesive which performs excellently on very difficult surfaces, e.g. HDPE (PO Laser) drums. It also offers good medium-life durability and is therefore ideal for tracking/warehouse applications.

	Permanent (Laser PET)	Permanent (PP Laser)	Extra Permanent (Laser PET)	Extra Permanent (Laser PET Silver)	Extra Permanent (PO Laser)
Adhesion (N/m) (FTM 2 on steel/20 min. bond time)	9	10	9	9	8
Tack (N/m) (FTM 9 on glass)	17	17	14	10	15
Minimum application temperature	> 0	> 0	> +10	0	> +5
Service temperature range up to 24 hrs (°C)	+80	+80	+80	+120	+80
up to 1hr (°C)	-	-	+110	+150	-
Resistance to cold (°C) ¹⁾ down to	-20	-20	-20	-80	-20

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

Backing

No cracklines: A bleached one-side-coated white kraft, especially designed for sheet products, featuring minimal moisture sensitivity.

	Laser PET	PP Laser	PO Laser	
Basis weight:	136 g/m ²	121 g/m ²	92 g/m ²	ISO 536
Caliper:	141 micron	118 micron	88 micron	ISO 534

Guarantee and liability:

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