

## PRODUCT DATA

# FASSON®

### FASSON® Dry Toner Films

Issued July 2024

#### 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	Adhesive ↻	Permanent	Extra Permanent
Backing ↻			
No cracklines		x	x

#### Printing & Conversion

All products are specifically engineered for use on the Dry Toner sheet-fed presses. Each face material 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**

<b>Face</b>	<b>Laser PET White Matt</b>	<b>Laser PET White Gloss</b>	<b>Laser PET Transp. Gloss</b>	<b>Laser PET Silver Matt</b>	<b>PO Laser</b>	<b>PP Laser</b>
Basis weight:	82 g/m <sup>2</sup>	70 g/m <sup>2</sup>	70 g/m <sup>2</sup>	80 g/m <sup>2</sup>	115 g/m <sup>2</sup>	90 g/m <sup>2</sup>
Caliper:	61 micron	51 micron	51 micron	55 micron	178 micron	92 micron

**Adhesive**

Permanent	General use acrylic permanent adhesive including smooth and slightly rough or curved surfaces.
Extra Permanent	Acrylic super-permanent adhesive with high tack. For difficult surfaces such as wood, some cardboards, and plastics such as HDPE, PP, PET, and PVC.

	<b>Permanent</b>	<b>Extra Permanent</b>
Adhesion (N/25mm) (FTM 1 peel 180° 20'/stainless steel)	15.4	17.2
Tack (N) (FTM 9 on stainless steel)	10.3	11
Minimum application temperature	+5	+5
Service temperature range after 24 hrs (°C)	+80	+80
Resistance to cold (°C) <sup>1)</sup> down to	-20	-20

<sup>1)</sup> 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**

Basis weight:	120 g/m <sup>2</sup>	ISO 536
Caliper:	118 micron	ISO 534

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