

## PRODUCT DATA

# FASSON®

### FASSON® Tyvek

Issued May 2021

#### Introduction

A white spun bonded polyethylene film, with exceptionally high tear resistance. Highly dimensional stable, chemically and biologically inert.

#### Description

Face: Premium-quality spun bonded polyethylene film, white only.

Availability	<i>Adhesive</i> ➔	Permanent
<i>Backing</i> Ⓚ	<hr/>	
No cracklines		<b>x</b>

#### Printing & Conversion

Offset printing purely oxidative drying and UV-curing inks.

For Screen printing inks, please note! Hydrocarbon solvents will swell Tyvek, so use low solvent content inks, less than 3%!

Before applying the label, the surface must be clean, dry and grease-free.

#### Features:

Weather and tear-resistant film for long lasting identification labelling.  
Good chemical resistance (unaffected by most chemicals and acids) for resistant identification labelling.

#### General

Shelf life: 2 years stored at 20°C / 55% R.H.

Total caliper (±10 %): 302 micron

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

Basis weight:	76 g/m <sup>2</sup>	ISO 536
Caliper:	155 micron	ISO 534
Tensile:	8.3 kN/m MD	ISO 1924/2
Tear (Elmendorf):	5.5 N MD	DIN EN 21974
Opacity:	96 %	ISO 2471

#### Adhesive

Permanent: An acrylic solvent-based permanent adhesive with high adhesion on most common substrates.

#### Permanent

Adhesion (N/m) (FTM 1 on steel/after 24h)	680
Tack (N/m) (FTM 9 on glass)	520
Minimum application temperature	> +5
Service temperature range up to 24 hrs (°C)	+80
up to 1hr (°C)	+110
Resistance to cold (°C) <sup>1)</sup> down to	-40

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

#### Backing

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

Basis weight:	138 g/m <sup>2</sup>	ISO 536
Caliper:	129 micron	ISO 534

#### Guarantee and liability:

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