

## EUH

# White Voided Injection Moulding Film

### Applications

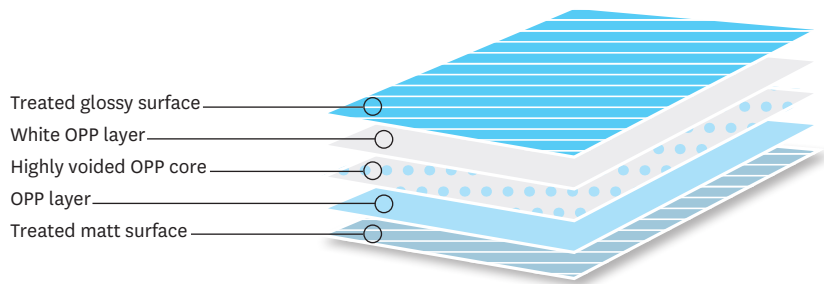
Specifically developed for in mould labels for PP and PE injection moulding.

### Description

EUH is a white voided OPP film, matt on one side. Its special formulation results in a film with very high yield. The film is treated on both sides. EUH is wound print side outside.

### Product features

- One side glossy, one side matt
- Suitable for sheet fed operations
- Good machineability and antistatic properties
- Very high yield due to very low density
- Soft touch effect after moulding
- Distortion free decoration
- Offset sheet fed printing with UV curing and oxidative drying inks. For offset printing the film should be stored at 20-25°C, 60-70% rh for a min. of 48 hours
- Gravure, UV-flexo printing
- For reel to reel printing with UV inks, inline Corona treatment is strongly recommended
- Screen printing and letterpress using UV inks



## Technical Data (Typical Value)

Properties	EUH 40	EUH 60	EUH 70	EUH 75	Unit	Measuring method
<b>Unit weight</b>	22.2	33.0	38.5	41.3	g/m <sup>2</sup>	ISO 4591
<b>Average yield</b>	45.5	30.3	26.0	24.2	m <sup>2</sup> /kg	ISO 4591
<b>Opacity</b>	77	86	89	90	%	DIN 53146
<b>Whiteness (Berger)</b>	76	83	85	85	%	DIN 5033
<b>Density</b>	0.55	0.55	0.55	0.55	g/cm <sup>3</sup>	-
<b>Gloss</b>						
At 20° (glossy side)	33	33	33	33	gloss unit	DIN ISO 2813
*Surface tension higher treated side	36-40	36-40	36-40	36-40	mN/m	DIN ISO 8296
<b>Breaking load</b>						
Machine direction	30	50	55	60	N/15 mm	DIN EN ISO 527
Transverse direction	60	100	120	130	N/15 mm	DIN EN ISO 527
<b>Elongation at break</b>						
Machine direction	120	120	120	120	%	DIN ISO 527
Transverse direction	30	30	30	30	%	DIN ISO 527

\* within 6 months after production

## Availability

Dimensions	EUH 40	EUH 60	EUH 70	EUH 75	Unit
<b>Reel length</b>					
Standard length (8-times)	12 800	8 800	7 400	7 000	m
<b>Max. reel outside diameter</b>					
Core diameter 152 mm	835	845	840	845	mm

Max. reel width: 2000 mm (widths > 2000 mm on request)

### Storage

The reels should be kept in their original packaging until used. It is recommended that films are stored below 30°C in order to minimize deterioration of film properties. All films should be allowed to reach operation room temperature for 24 hours before use.  
\* The treatment level declines with time.

### Food Approval

Treofan EUH is in compliance with current US FDA and European food contact regulation.

### Health and Safety

Treofan EUH has specially been developed for packing foods and meets the specific requirements on health and safety.

The figures and data provided in this datasheet are consistent with the current state of our knowledge and are intended to provide general information about our products and their applications. The data collected in this document is for non-binding information purposes only. The exact quality of the products is detailed in the technical specifications which are sent together with the order confirmation. Any existing commercial rights or patents must be observed. Certified according to DIN EN ISO 9001, DIN EN ISO 50001, BRC IOP, AIB. Compliance with industrial health and safety standards. Treofan OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health and safety regulations are observed. Relevant guidelines can be found in our safety information.

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