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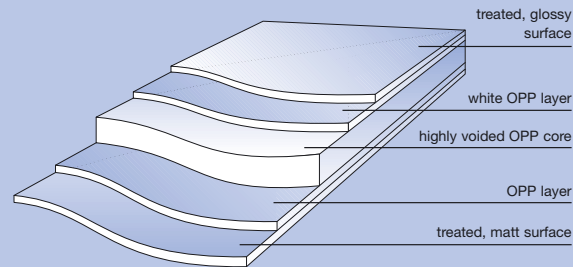
EUH

- Co-extruded OPP film
- Film with very high yield
- One side glossy, one side matt
- Versatile in label applications



TREOFAN LABEL FILM EUH

The white opaque film with high yield for the label market



Label Film EUH is a white opaque OPP film, specifically developed for label applications. The special formulation results in a film with very high yield. Label Film EUH is treated on both sides. The film is normally wound: GO=glossy side wound outside. GI=glossy side wound inside, is available on request.

PRODUCT FEATURES

Physical properties

- high resistance to tear and puncture
- excellent resistance to low temperatures
- dimensionally stable under conditions of varying humidity

Film characteristics

- water-repellent
- resistant to oil and grease
- physiologically harmless, thus suitable for food packaging
- resistant to fruit acids and sugar

Optical characteristics

- one side white with high gloss
- one side matt

Special characteristics

- printable
- gluable
- suitable for sheet-fed operations
- good machinability
- good anti-static properties
- very high yield due to very low density

CONVERSION

Printing:

- gravure
- flexographic
- litho sheet-fed with UV-curing and oxidative drying inks prior to which film should be stored at 20–25°C, 60–70 % RH for a minimum of 48 hours
- letterpress and screen printing

APPLICATION

- in-mould labels for PP and PE injection-moulding
- wrap-around labels, cut and stack

Certified according to

DIN EN ISO 9001:2000

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.

TECHNICAL DATA (Typical Values)

Properties	EUH 50	EUH 60	EUH 65	EUH 75	EUH 90	Unit	Measuring method
Nominal thickness	50	60	65	75	90	µm	ISO 4591
Nominal thickness	200	240	260	300	360	Gauge	ISO 4591
Density	0.55	0.55	0.55	0.55	0.55	g/cm ³	-
Unit weight	27.5	33	35.8	41.3	49.5	g/m ²	ISO 4591
Yield	36.4	30.3	27.9	24.2	20.2	m ² /kg	ISO 4591
Yield	25600	21300	19700	17000	14200	in ² /lb	ISO 4591
Breaking load machine direction	35	40	42	50	65	N/15mm	DIN ISO 527
transverse direction	80	90	95	110	140	N/15mm	DIN ISO 527
Elongation at break machine direction	110	110	110	110	110	%	DIN ISO 527
transverse direction	25	25	25	25	25	%	DIN ISO 527
Gloss on treated side	35	35	35	35	35	%	DIN 67530 (20°)
Surface tension	36-39	36-39	36-39	36-39	36-39	mN/m	DIN ISO 8296
Opacity	83	86	87	90	90	%	DIN 53146
Whiteness acc. to Berger	84	86	86	88	88	%	DIN 5033

AVAILABILITY

Reel length (m):

Label Film	Standard length	8 times standard
EUH 50	1200	9600
EUH 60	1100	8800
EUH 65	1000	8000
EUH 75	800	6400
EUH 90	720	5760

Maximum reel o.d. (mm):

Core diameter	Standard length	8 times standard
77	approx. 330	-
152	approx. 350	approx. 840

Max. reel width: 2100 mm

The figures and the data provided in this data sheet are consistent with the current state of our knowledge, and are intended to provide general information on our products and their applications. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications. Any existing commercial rights or patents must be observed.

Tests have shown that under the prescribed storage conditions the characteristics of Label Film EUH will maintain consistent performance throughout a 6 months period. Label Film EUH is largely unaffected by climatic influences, but should not be stored at temperatures above 40°C (104°F). The rolls should be kept in their original wrapping until used. After the rolls have been unwrapped, they should be stored upright with suitable protection of the edges.

Food Safety

Label Film EUH has been developed specially for packaging foods and meets the specific requirements on health and safety. It meets the FDA and EC regulations, which includes the specific "German Food and Commodity Act" and the current recommendations of the BgVV. Compliance with other specific national regulations is available on request.

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