

LUH

White Voided Film – SAL Face Stock

Applications

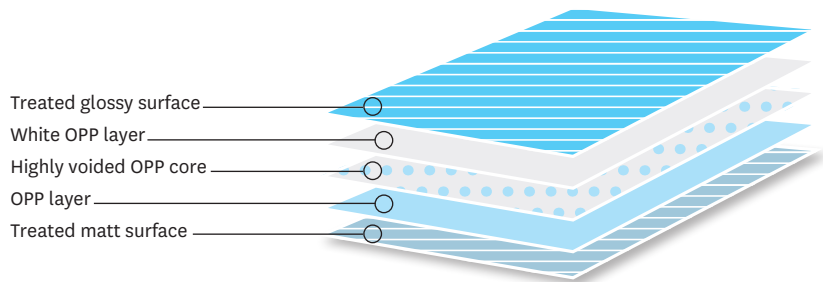
Specifically developed for self adhesive face stock and cut & stack wrap around labels.

Description

LUH 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. LUH 40 has been designed for reel fed, all other thicknesses for cut & stack applications. LUH is wound print side outside.

Product features

- Suitable for sheet fed operations
- Good machineability and antistatic properties
- Very high yield due to very low density
- 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 and 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	LUH 40	LUH 60	LUH 70	LUH 75	Unit	Measuring method
Unit weight	22.0	33.0	38.5	41.3	g/m ²	ISO 4591
Average yield	45.5	30.3	26.0	24.2	m ² /kg	ISO 4591
Opacity	77	86	89	90	%	DIN 53146
Whiteness (Berger)	76	83	85	85	%	DIN 5033
Density	0.55	0.55	0.55	0.55	g/cm ³	-
Gloss						
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
Breaking load						
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
Elongation at break						
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	LUH 40	LUH 60	LUH 70	LUH 75	Unit
Reel length					
Standard length (8-times)	12 800	8 800	7 400	7 000	m
Max. reel outside diameter					
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 LUH is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan LUH 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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