

LWD

Gloss Voided Film – Wrap Around Label

Applications

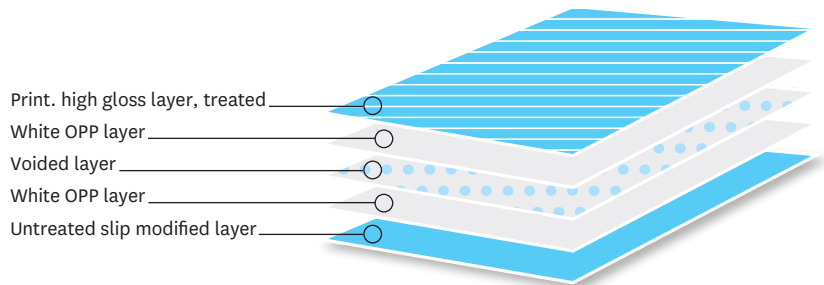
Designed for reel fed WAL label applications where enhanced tensile strength and rigidity are required. Special optical appearance.

Description

LWD label film is a high gloss, white voided OPP film with excellent web flatness and a slip modified, untreated surface for good convertability on labelling machines. It is treated on one side.

Product features

- White, high gloss on printing side leading to excellent print optics
- Printable, glueable, with good antistatic properties and good machineability
- High yield due to low density
- Consistently low coefficient of friction
- Gravure, flexographic printing (UV and conventional)
- Rotary UV offset printing
- For reel to reel printing with UV inks inline
- Corona treatment is strongly recommended



Technical Data (Typical Value)

Properties	LWD 38	Unit	Measuring method
Unit weight	23.5	g/m ²	ISO 4591
Average yield	42.4	m ² /kg	ISO 4591
Opacity	78	%	DIN 53146
Whiteness (Berger)	78	-	DIN 5033
Density	0.62	g/cm ³	Tobias densitometer
Gloss			
At 20° (treated side)	55	gloss unit	ISO 2813
Coefficient of friction			
Untreated / untreated	0.3	-	ISO 8295
* Surface tension treated side	36-40	mN/m	ISO 8296
Breaking load			
Machine direction	40	N/15 mm	ISO 527
Transverse direction	80	N/15 mm	ISO 527
Elongation at break			
Machine direction	140	%	ISO 527
Transverse direction	30	%	ISO 527

* within 6 months after production

Availability

Dimensions	LWD 38	Unit
Reel length		
Standard length (6-times)	9 600	m
Max. reel outside diameter		
Core diameter 152 mm	750	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 LWD is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan LWD 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.

Treofan Germany GmbH & Co. KG
Am Prime Parc 17
65479 Raunheim / Germany

t +49 (0) 6142 200 3000
f +49 (0) 6142 200 3202
e info@treofan.com