

## LTD

# Transparent Film – Wrap Around Label

### Applications

Designed for reel fed WAL label applications with special treatment for improved printing.

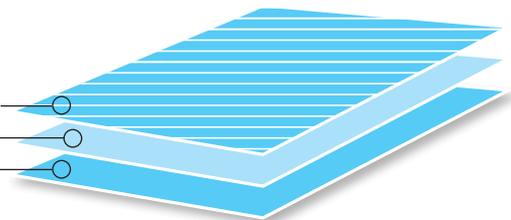
### Description

LTD is a highly transparent OPP film, one side treated.

### Product features

- Printable, glueable
- Highly transparent
- Good antistatic properties and machine-ability
- Consistently low coefficient of friction
- Gravure, flexographic printing (UV and conventional)
- Rotary UV offset printing
- For UV printing, inline Corona treatment is strongly recommended

Surface layer with special treatment  
Transparent core layer  
High gloss layer



## Technical Data (Typical Value)

Properties	LTD 30	LTD 35	LTD 40	Unit	Measuring method
<b>Unit weight</b>	27.3	31.8	36.4	g/m <sup>2</sup>	ISO 4591
<b>Average yield</b>	36.6	31.4	27.5	m <sup>2</sup> /kg	ISO 4591
<b>Density</b>	0.91	0.91	0.91	g/cm <sup>3</sup>	-
<b>Haze</b>	2.3	2.3	2.3	%	ASTM D 1003
<b>Gloss</b>					
At 20° (glossy side)	100	100	100	gloss unit	DIN EN ISO 2813
<b>Coefficient of friction</b>					
Film/film, untreated, dynamic	0.35	0.35	0.35	-	ISO 8295
<b>* Surface tension treated side</b>	43	43	43	mN/m	ISO 8296
<b>Tensile strength</b>					
Machine direction	140	140	140	N/mm <sup>2</sup>	ISO 527
Transverse direction	300	300	300	N/mm <sup>2</sup>	ISO 527
<b>Elongation at break</b>					
Machine direction	220	220	220	%	ISO 527
Transverse direction	55	55	55	%	ISO 527

\* within 6 months after production

## Availability

Dimensions	LTD 30	LTD 35	LTD 40	Unit
<b>Reel length</b>				
Standard length (6-times)	14 100	12 000	10 500	m
<b>Max. reel outside diameter</b>				
Core diameter 152 mm	777	774	775	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 LTD is in compliance with current US FDA and European food contact regulation.

### Health and Safety

Treofan LTD 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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