

ETH

Thick Solid Injection Moulding Film

Applications

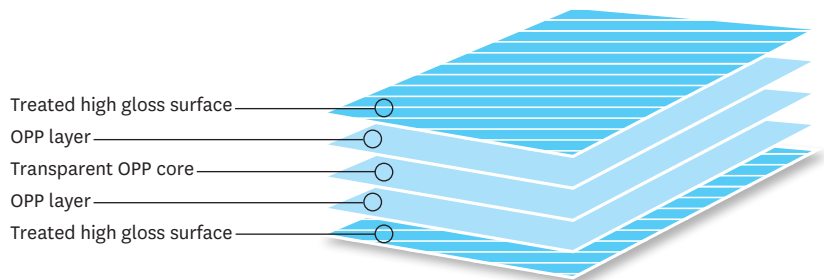
Specifically developed for in mould labels for PP and PE injection moulding.

Description

ETH is a transparent OPP film, treated and glossy on both sides.

Product features

- Good antistatic properties, web flatness and machineability
- 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	ETH 50	ETH 57	Unit	Measuring method
Unit weight	45.5	51.9	g/m ²	ISO 4591
Average yield	22.0	19.3	m ² /kg	ISO 4591
Density	0.91	0.91	g/cm ³	-
Gloss				
At 20° (glossy side)	100	100	gloss unit	DIN EN ISO 2813
* Surface tension higher treated side	36-40	36-40	mN/m	DIN ISO 8296
Tensile strength				
Machine direction	120	120	N/mm ²	DIN ISO 527
Transverse direction	210	210	N/mm ²	DIN ISO 527
Elongation at break				
Machine direction	180	180	%	DIN ISO 527
Transverse direction	30	30	%	DIN ISO 527

* within 6 months after production

Availability

Dimensions	ETH 50	ETH 57	Unit
Reel length			
Standard length (6-times)	9 000	8 100	m
Max. reel outside diameter			
Core diameter 152 mm	797	795	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 ETH is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan ETH 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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