

CLH

Transparent Coated Film

Applications

Suitable for holographic applications, metallisation and for lamination with paper and cardboard.

Description

CLH is a transparent OPP film coated on both sides with Acrylic lacquer, designed for holographic applications.

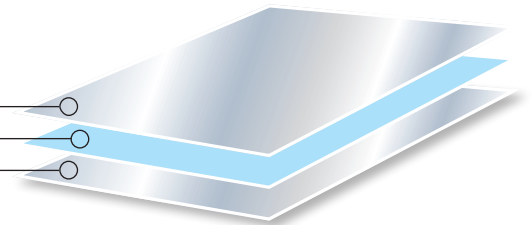
Product features

- Superior optical properties
- Ideal support for embossing and holograms
- Excellent in adhesive lamination
- Printable and heat sealable on both sides

Special Acrylic coating

Transparent OPP core layer

Special Acrylic coating



Technical Data (Typical Value)

Properties	CLH 20	CLH 40	Unit	Measuring method
Unit weight	18.2	36.4	g/m ²	ISO 4591
Average yield	54.9	27.5	m ² /kg	ISO 4591
Haze	1.3	1.3	%	ASTM D 1003
Gloss at 45°	90	90	gloss unit	ISO 2813
Heatseal strength	3.5	3.5	N/15 mm	Treofan
Heatseal range (Acrylic / Acrylic)	100-145	100-145	°C	Treofan
Coefficient of friction Film/film, Acrylic, dynamic	0.35	0.35	-	ISO 8295
Tensile strength				
Machine direction	120	120	N/mm ²	ISO 527
Transverse direction	300	300	N/mm ²	ISO 527
Elongation at break				
Machine direction	220	220	%	ISO 527
Transverse direction	55	55	%	ISO 527
Water vapour permeability 38°C / 90% r.h.	6.8	3.5	g/m ² /d	ASTM F 1249
Oxygen permeability 23°C / 0% r.h.	1 300	650	cm ³ /m ² /d/atm	ASTM D 3985

Availability

Dimensions	CLH 20	CLH 40	Unit
Reel length			
Standard length (6-times)	21 000	10 500	m
Max. reel outside diameter			
Core diameter 152 mm	775	766	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.

Food Approval

Treofan CLH is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan CLH 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