

COATED PACKAGING FILMS Transparent Coated – CLG

APPLICATIONS

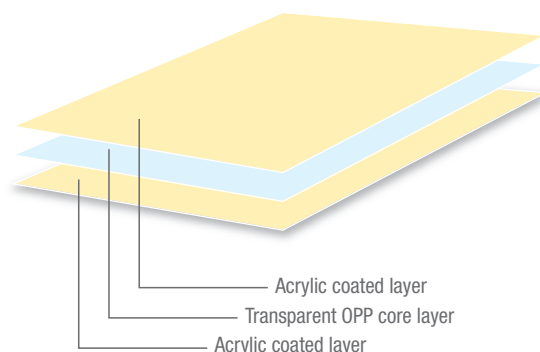
Suitable for all types of packaging machines, for printing and high gloss lamination.

DESCRIPTION

CLG is a transparent OPP film, both sides acrylic coated to provide consistent high gloss performance.

PRODUCT FEATURES

- Low sealing threshold and excellent seal strength
- Outstanding hot tack
- Exceptional optical properties
- Water based coating
- Good aroma barrier
- Easy converting on both sides



TECHNICAL DATA (typical value)

Properties	CLG 20	CLG 25	CLG 30	CLG 35	CLG 40	CLG 50	Unit	Measuring method
Unit weight	17.7	22.3	26.8	31.4	35.9	45.0	g/m ²	ISO 4591
Average yield	56.5	45.0	37.3	31.9	27.9	22.2	m ² /kg	ISO 4591
Haze	0.9	1.0	1.1	1.2	1.3	1.6	%	ASTM D 1003
Gloss at 45°	90	90	90	90	90	90	gloss unit	ISO 2813
Heatseal strength	3.5	3.5	3.5	3.5	3.5	3.5	N/15 mm	Treofan
Heatseal range (Acrylic / Acrylic)	90-145	90-145	90-145	90-145	90-145	90-145	°C	Treofan
Coefficient of friction film/film (Acrylic), dynamic	0.20	0.20	0.20	0.20	0.20	0.20	–	ISO 8295
Tensile strength								
machine direction	120	120	120	120	120	120	N/mm ²	ISO 527 -1/-3
transverse direction	300	300	300	300	300	300	N/mm ²	ISO 527 -1/-3
Elongation at break								
machine direction	220	220	220	220	220	220	%	ISO 527 -1/-3
transverse direction	55	55	55	55	55	55	%	ISO 527 -1/-3
Water vapour permeability								
38 °C / 90 % r. h.	6.8	5.5	4.6	4.0	3.5	2.8	g/m ² /d	ASTM F 1249
Oxygen permeability								
23 °C / 0 % r. h.	1 300	1 000	850	750	650	500	cm ³ /m ² /d/atm	ASTM D 3985

AVAILABILITY

Properties	CLG 20	CLG 25	CLG 30	CLG 35	CLG 40	CLG 50	Unit
Reel length							
standard length (6-times)	21000	16 800	14 100	12 000	10 500	8 400	m
Max. reel outside diameter							
core diameter 152 mm	775	775	775	775	775	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.

FOOD APPROVAL

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

HEALTH AND SAFETY

Treofan CLG 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. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications. 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
Phone: +(49) 6142 200-0 · Fax: +(49) 6142 200-3299 · info@treofan.com
For more information visit our website: www.treofan.com