

HGP

White Voided Film

Applications

Designed for VFFS/HFFS applications as a monoweb and for laminates.

Description

HGP is a 3 layer, white voided OPP film with high opacity and whiteness.

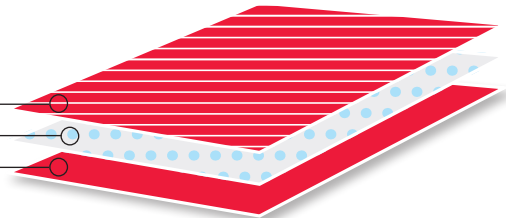
Product features

- Good sealing properties (SIT of 110°C untreated side)
- Consistent slip
- Enhanced whiteness contributing to superb print presentation
- Good moisture barrier
- Pearlescent effect

Heat sealable layer, treated

Voided layer

Heat sealable layer



Technical Data (Typical Value)

Properties	HGP 34	HGP 40	HGP 50	Unit	Measuring method
Unit weight	24.5	28.8	36.0	g/m ²	ISO 4591
Average yield	40.8	34.7	27.8	m ² /kg	ISO 4591
Opacity	86	88	91	%	DIN 53146
Whiteness (Berger)	86	88	89	-	DIN 5033
Gloss					
At 20° (treated side)	9	9	9	gloss unit	ISO 2813
Heatseal strength	2.0	2.0	2.0	N/15 mm	Treofan
Heatseal range					
Untreated	110-140	110-140	110-140	°C	Treofan
Coefficient of friction					
Film/film, dynamic	0.25	0.25	0.25	-	ISO 8295
* Surface tension treated side	≥ 36	≥ 36	≥ 36	mN/m	ISO 8296
Breaking load					
Machine direction	40	50	60	N/15 mm	ISO 527
Transverse direction	90	100	130	N/15 mm	ISO 527
Elongation at break					
Machine direction	160	160	160	%	ISO 527
Transverse direction	40	40	40	%	ISO 527
Water vapour permeability					
23°C / 85% r.h.	1.5	1.3	1.0	g/m ² /d	ASTM F 1249
38°C / 90% r.h.	7.6	6.5	5.2	g/m ² /d	ASTM F 1249

* within 6 months after production

Availability

Dimensions	HGP 34	HGP 40	HGP 50	Unit
Reel length				
Standard length (6-times)	11 100	9 300	7 500	m
Max. reel outside diameter				
Core diameter 152 mm	736	731	734	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 HGP is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan HGP 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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