

STD

Gloss White Voided Film

Applications

Ultra wide sealing range for high speed HFFS packaging machines. Suitable as a monoweb or in laminates.

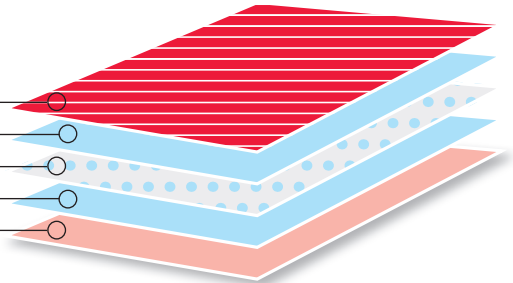
Description

STD is a 5 layer, high gloss white voided OPP film with an ultra low sealing threshold (80°C) designed for heatseal applications.

Product features

- White opaque film with excellent gloss
- Tailored and controlled slip properties
- Ultra low heat sealing threshold (80°C) layer high speed HFFS packaging machines
- Corona treated side contributes to improve printing and lamination
- Good moisture barrier
- Not suitable for boost treatment

- Printable layer, treated
- Transparent layer
- Voided layer
- Transparent layer
- Ultra low temperature heat sealable layer



Technical Data (Typical Value)

Properties	STD 28	STD 35	STD 40	STD 45	STD 50	Unit	Measuring method
Unit weight	21.5	26.0	30.0	33.5	37.0	g/m ²	ISO 4591
Average yield	46.5	38.5	33.3	29.9	27.0	m ² /kg	ISO 4591
Opacity	75	81	85	86	88	%	DIN 53146
Whiteness (Berger)	82	86	88	89	89	-	DIN 5033
Gloss							
At 20° (treated side)	65	65	65	65	65	gloss unit	ISO 2813
Heatseal strength	1.0	1.0	1.0	1.0	1.0	N/15 mm	Treofan
Heatseal range							
Untreated	80-140	80-140	80-140	80-140	80-140	°C	Treofan
Coefficient of friction							
Film/film, untreated, dynamic	0.30	0.30	0.30	0.30	0.30	-	ISO 8295
* Surface tension treated side	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36	mN/m	ISO 8296
Breaking load							
Machine direction	45	55	60	70	75	N/15 mm	ISO 527 -1/-3
Transverse direction	75	100	115	125	140	N/15 mm	ISO 527 -1/-3
Elongation at break							
Machine direction	150	150	150	150	150	%	ISO 527 -1/-3
Transverse direction	50	50	50	50	50	%	ISO 527 -1/-3
Water vapour permeability							
23°C / 85% r.h.	1.1	0.9	0.8	0.7	0.6	g/m ² /d	ASTM F 1249
38°C / 90% r.h.	5.5	4.5	4.0	3.5	3.0	g/m ² /d	ASTM F 1249

* within 6 months after production

Availability

Dimensions	STD 28	STD 35	STD 40	STD 45	STD 50	Unit
Reel length						
Standard length (6-times)	13 800	10 800	9 600	8 700	7 800	m
Max. reel outside diameter						
Core diameter 152 mm	734	720	734	740	745	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 STD is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan STD 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
t +49 (0) 6142 200 3000
f +49 (0) 6142 200 3202
e info@treofan.com