

SHD Gloss White Voided Film

Applications

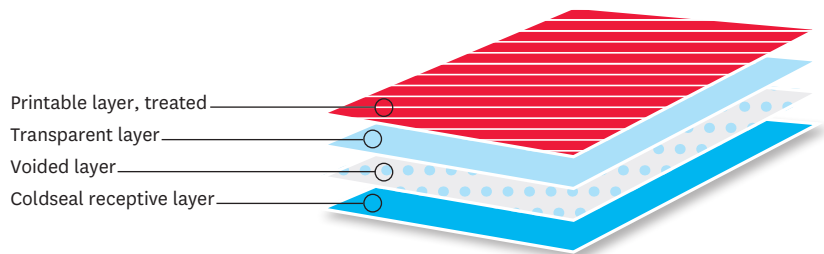
For coldseal coating as a monoweb or in laminates.

Description

SHD is a 4 layer, white voided, one side treated OPP film with exceptional surface gloss for coldseal applications.

Product features

- Tailored for coldseal coating applications
- High gloss face contributes to superb print presentation
- Low water vapour permeability
- Film with good bending stiffness



Technical Data (Typical Value)

Properties	SHD 28	SHD 35	SHD 40	SHD 50	SHD 60	Unit	Measuring method
Unit weight	21.5	26.0	30.0	37.0	45.0	g/m ²	ISO 4591
Average yield	46.5	38.5	33.3	27.0	22.2	m ² /kg	ISO 4591
Opacity	77	81	83	88	90	%	DIN 53146
Whiteness (Berger)	83	85	87	89	90	-	DIN 5033
* Surface tension treated side	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36	mN/m	ISO 8296
Gloss							
At 20° (treated side)	70	70	70	70	70	gloss unit	ISO 2813
Breaking load							
Machine direction	50	60	70	80	90	N/15 mm	ISO 527
Transverse direction	70	100	120	140	170	N/15 mm	ISO 527
Elongation at break							
Machine direction	140	140	140	140	140	%	ISO 527
Transverse direction	45	45	45	45	45	%	ISO 527
Water vapour permeability							
23°C / 85% r.h.	1.1	0.9	0.8	0.6	0.5	g/m ² /d	ASTM F 1249
38°C / 90% r.h.	5.5	4.5	4.0	3.0	2.5	g/m ² /d	ASTM F 1249

* within 6 months after production

Availability

Dimensions	SHD 28	SHD 35	SHD 40	SHD 50	SHD 60	Unit
Reel length						
Standard length (6-times)	13 800	10 800	9 600	7 800	6 600	m
Max. reel outside diameter						
Core diameter 152 mm	750	750	750	750	750	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 SHD is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan SHD 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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