

WTD Solid White Film

Applications

Suitable as a monoweb for laminates in heat- and coldseal applications.

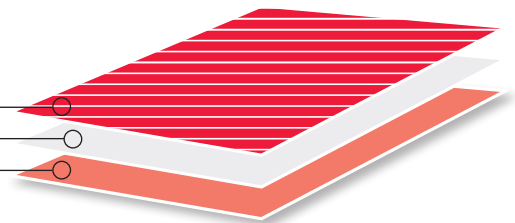
Description

WTD is a 3 layer, solid white coextruded OPP film with high whiteness. It is both sides sealable with low sealing threshold on one side.

Product features

- Enhanced heat sealing threshold layer (100°C) for high speed packaging on HFFS packaging machines
- White pigmented core results in a solid white film with high stiffness
- High gloss and whiteness contribute to a good print presentation
- Good moisture barrier

Heat sealable layer, treated
White layer
Enhanced heat sealable layer



Technical Data (Typical Value)

Properties	WTD 20	WTD 25	WTD 30	WTD 35	WTD 40	Unit	Measuring method
Unit weight	19.2	24.0	28.8	33.6	38.4	g/m ²	ISO 4591
Average yield	52.1	41.7	34.7	29.8	26.0	m ² /kg	ISO 4591
Whiteness (Berger)	80	85	90	91	92	-	DIN 5033
Gloss							
At 45° (treated side)	55	55	55	55	55	gloss unit	ASTM D 2457
Heatseal strength	2.0	2.0	2.0	2.0	2.0	N/15 mm	Treofan
Heatseal range							
Untreated	100-140	100-140	100-140	100-140	100-140	°C	Treofan
Coefficient of friction							
Film/film, dynamic	0.3	0.3	0.3	0.3	0.3	-	ISO 8295
* Surface tension treated side	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36	mN/m	ISO 8296
Tensile strength							
Machine direction	130	130	130	130	130	N/mm ²	ISO 527
Transverse direction	260	260	260	260	260	N/mm ²	ISO 527
Elongation at break							
Machine direction	160	160	160	160	160	%	ISO 527
Transverse direction	60	60	60	60	60	%	ISO 527
Water vapour permeability							
23°C / 85% r.h.	1.7	1.3	1.1	0.9	0.8	g/m ² /d	ASTM F 1249
38°C / 90% r.h.	8.3	6.6	5.5	4.7	4.1	g/m ² /d	ASTM F 1249

* within 6 months after production

Availability

Dimensions	WTD 20	WTD 25	WTD 30	WTD 35	WTD 40	Unit
Reel length						
Standard length (6-times)	21 000	16 800	14 100	12 000	10 500	m
Max. reel outside diameter						
Core diameter 152 mm	775	771	777	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.

* The treatment level declines with time.

Food Approval

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

Health and Safety

Treofan WTD 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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