

MB 400

Coextruded Transparent Film

Applications

One side treated, sealable coextruded BOPP film, designed for use in wide range of applications.

Description

MB 400 is a transparent, one side treated OPP film and either one side (20µ) or two sides heat sealable (25 and 30µ). Consistent production quality standards allow MB 400 to be widely used on a variety of processing and packaging machines, as mono web as well as in laminate solutions.

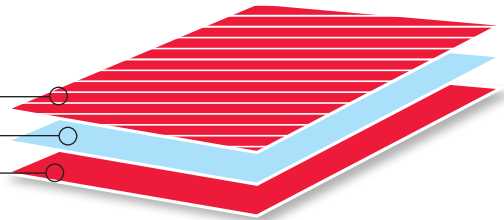
Product features

- Outstanding optical properties
- Good seal strength
- Good dimensional stability
- Good hot slip
- Good hot tack

Heat sealable layer

Transparent layer

Treated surface



Technical Data (Typical Value)

Properties	MB 400 20	MB 400 25	MB 400 30	Unit	Measuring method
Unit weight	18.2	22.8	27.3	g/m ²	ISO 4591
Average yield	54.9	44.0	36.6	m ² /kg	ISO 4591
Haze	1.8	1.8	2.0	%	ASTM D 1003
Heatseal strength	2.0	2.0	2.0	N/15 mm	Treofan
Heatseal range					
Untreated	110-150	110-150	110-150	°C	Treofan
Coefficient of friction					
Film/film, treated, dynamic		0.30	0.30	-	ISO 8295
Film/film, untreated, dynamic	0.35	0.30	0.35	-	ISO 8295
* Surface tension treated side	≥ 36	≥ 36	≥ 36	mN/m	ISO 8296
Tensile strength					
Machine direction	140	140	140	N/mm ²	ISO 527
Transverse direction	290	290	290	N/mm ²	ISO 527
Elongation at break					
Machine direction	205	205	205	%	ISO 527
Transverse direction	55	55	55	%	ISO 527
Water vapour permeability					
23°C / 85% r.h.	1.4	1.1	1.0	g/m ² /d	ASTM F 1249
38°C / 90% r.h.	7.0	5.0	4.5	g/m ² /d	ASTM F 1249

* within 6 months after production

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 MB 400 is in compliance with current US FDA and European food contact regulation.

Health and Safety

Treofan MB 400 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.

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