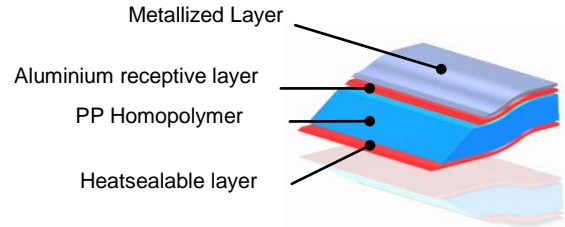


Film reference:
METE HBR

Thickness (µm):
15-18-20

1. PRODUCT FEATURES

- Metallized BOPP film with high purity aluminium;
- Higher barrier against oxygen, moisture and odours than the standard metallized BOPP;
- Heatsealable in a wide range of temperatures;
- High yield and good mechanical properties.



2. MIGRATION CHARACTERISTICS

Complies with the specifications in force.

3. USE

Lamination with plastic film or cardboard.
Food industry. The film complies with EU and FDA regulations for use in food contact.

PROPERTIES		UNIT	VALUE APPLIED MET_HBR			TOLERANCE	TEST METHOD
Thickness		Microns	15	18	20	±5%	DIN 53 370
Unit weight		g/m ²	13,7	16,4	18,2	±7%	ASTM D-2673
Yield		m ² /kg	73,3	61,1	54,9	±7%	ASTM D-2673
Tensile strength at break	MD	N/mm ²	130			≥ N-30	DIN 53 455
	TD		240				
Elongation at break	MD	%	200			≤ N+20	DIN 53 455
	TD		60				
Shrinkage	MD	%	6			≤ N+1,5	OPMA TC 4 (a)
	TD		3				
Heat seal strength		N/15 mm	2,0	2,1	2,2	≥ N-0,5	OPMA TC 4 (b)
Seal Initiation Temperature		°C	106			≤ N+3	OPMA TC 4 (b)
Optical density			3,0			±5%	Mac Beth
Dynamic Coefficient of Friction film/film			0,35			≤ N+0,05	DIN 53 375
Oxygen Permeability		cm ³ /m ² .d	60	55	50	≤ N+225	ASTM D 3985 23°C - 0% HR
Water vapour Permeability		g/m ² .d	0,4			≤ N+ 1,0	38°C 90% R.H. ASTM F 1249
Width		mm	380-2050 ¹			N+2	---

MD = Longitudinal direction

TD = Transversal direction

¹ For other option please request information

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4. GENERAL REEL CHARACTERISTICS

WIDTH:	From 100 to 2.100 mm ¹
MAXIMUM OUTER DIAMETER:	775 mm ¹
INTERNAL DIAMETER OF core:	76-152 mm
TREATMENT:	External
LENGTH:	Based on external diameter

¹ For other option, please request information

5. STORAGE CONDITIONS

For optimum performance of the film is recommended storage in a protected area of high humidity and a temperature below 30 ° C.

Material should be conditioned at room temperature at least for 24h before use.

It is recommended to keep the reels in their original packaging until time of use. In case of partial use of a coil or pallet, keep the remaining material without leaning on a hard surface.

6. CONTACT WITH FOOD

The film complies with the EU and FDA regulations for use in contact with food.

Refer to specific information.

7. SECURITY CONDITIONS FOR FILM HANDLING

Safety data sheet available upon customer request.

8. USE WARRANTY

This film maintains its optimal properties for use up to three months after shipment.

9. NOTES

This information should be considered only for guidance and is based on tests conducted in our laboratory. It should not be considered as collateral for a customer's specific application.