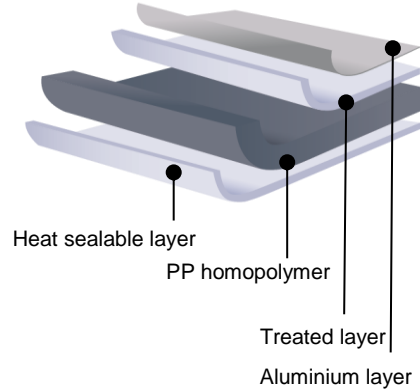


**PRODUCT DESCRIPTION**

- BOPP metallized film with high purity aluminium on external side.
- Excellent optical properties.
- Good barrier properties against oxygen, moisture and odors
- Good mechanical properties and dimensional stability.



**KEY FEATURES**

BOPP metallized film.

**USE**

Food industry. The film complies with regulations for use in contact with food.

PROPERTIES		UNIT	VALUE APPLIED to METE SOL						TOLERANCE	TEST
Thickness		microns	15	20	25	30	35	40	± 5%	ISO 4591
Unit weight		g/m <sup>2</sup>	13.7	18.2	22.8	27.3	31.9	36.4	± 7%	ISO 4591
Yield		m <sup>2</sup> /kg	73.3	54.9	44.0	36.6	31.4	27.5	± 7%	ISO 4591
Tensile strength at break	MD	N/mm <sup>2</sup>	130						≥ N – 30	ISO 527
	TD		240							
Elongation at break	MD	%	200						≤ N + 20	ISO 527
	TD		60							
Shrinkage	MD	%	6	5					≤ N + 1.5	ISO 11501
	TD		3	2						
Heatsealing resistance US/US		N/15 mm	2.0	2.5	3.0	3.5	4.0	4.5	≥ N – 0.5	DIN 55529
Sealing initiation temperature US/US		°C	106						≤ N + 5	DIN 55529
Optical density			2.2						± 5%	Mac Beth
Dynamic friction coefficient US/US			0.4						≥ N – 0.1	ISO 8295
Oxygen Permeability		cm <sup>3</sup> /m <sup>2</sup> -d	40						≤ N + 60	ASTM D 3985 23°C - 0% HR
Water vapour Permeability		g/m <sup>2</sup> -d	0.2						≤ N + 0.55	38 °C 90% R.H. ASTM F 1249
Width		mm	100-2100*						N – 0 + 2	-

MD = Longitudinal direction  
 TD = Transversal direction  
 TS = Treated side  
 US = Untreated side

\* For other options please request information

**GENERAL REEL CHARACTERISTICS**

WIDTH:	From 100 to 2100 mm*
MAXIMUM OUTER DIAMETER:	775 mm*
INTERNAL DIAMETER OF core:	76-152 mm
TREATMENT:	external
LENGTH:	based on external diameter

\* For other options, please request information

**STORAGE CONDITIONS**

For optimum performance of the film, storage is recommended in an area protected from high humidity and at a temperature below 30 °C. Material should be conditioned at room temperature at least for 24 h 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.

**CONTACT WITH FOOD**

The film complies with regulations for use in contact with food. For detailed information on EU and FDA compliance, contact our Technical or Customer Service Department.

**SECURITY CONDITIONS FOR FILM HANDLING**

Safety data sheet is available upon customer request.

**USE WARRANTY**

This film maintains its optimal properties for use up to three months since the date of production. After this period parameters included in the above table can be altered. The appropriateness of the film after this period should be evaluated under responsibility of the customer.

**RECYCLABILITY**

This film can be considered a polypropylene monomaterial.

**NOTES**

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