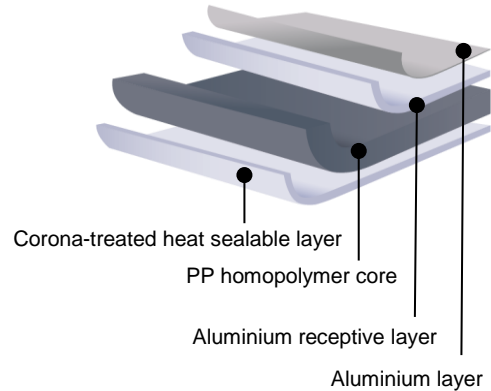


## PRODUCT DESCRIPTION

- BOPP film with vacuum deposited aluminium layer 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 with corona treatment on internal side.

### USE

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

PROPERTIES		UNIT	VALUE APPLIED to META_SOL			TOLERANCE	TEST
Thickness		microns	15	20	35	± 5%	ISO 4591
Unit weight		g/m <sup>2</sup>	13.7	18.2	31.9	± 7%	ISO 4591
Yield		m <sup>2</sup> /kg	73.3	54.9	31.4	± 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	4.0	≥ N – 0.5	DIN 55529
Sealing initiation temperature US/US		°C	115			≤ 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.