

Film reference:

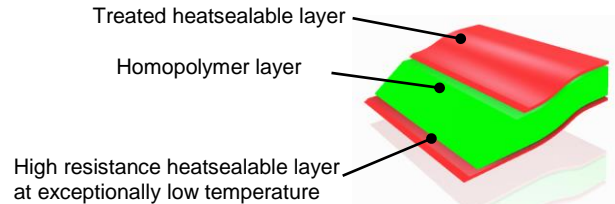
CATE_ULS

Thickness (µm):

25

1. PRODUCT FEATURES

- Transparent BOPP film with surface treatment on external side.
- Strong sealing capacity in a wide range of temperatures on internal side.
- Optimal optical properties: gloss and transparency.
- Non-migrating formula.
- Exceptionally low sealing initiation temperature.
- Specially designed for high speed packaging machines which demand high sealing strength and good seal integrity.



2. MIGRATION CHARACTERISTICS

- The film complies with the regulations in force.

3. USE

- Food industry. The film complies with the UE and FDA regulations for use in contact with food.

PROPERTIES		UNIT	VALUE APPLIED CATE_ULS	TOLERANCE	TEST METHOD
Thickness		microns	25	±5%	ISO 4591
Unit weight		g/m ²	22.8	±7%	ISO 4591
Yield		m ² /kg	43.9	±7%	ISO 4591
Tensile strength at break	MD	N/mm ²	120	≥N-30	ISO 527
	TD		230		
Elongation at break	MD	%	200	≤N+40	ISO 527
	TD		60	≤N+20	
Shrinkage	MD	%	8	≤N+1.5	ISO 11501
	TD		2		
Surface treatment level	US	dynes/cm	34	≤ 35	ISO 8296
	TS		38	≥ 38	
Resistance term sealing		N/15 mm	4.7	≥N-0.5	DIN 55529
Initial temperature sealing IS/IS		°C	85	≤N+3	DIN 55529
Gloss 45°			80	≥75	ASTM D - 2457
Dynamic friction coefficient TS/US			0.35	≤N+0.05	ISO 8295
Width		mm	100-2100 ¹	N-0+2	---
MD = Longitudinal direction		TS = Treated side	ES = External side		
TD = Transversal direction		US = Untreated side	IS = Internal side		

¹ For other option request information

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25**4. GENERAL CHARACTERISTICS COILS**

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

¹ For other option request information**5. STORAGE CONDITIONS**

For optimum performance of the film is recommended for its 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 coils in their original packaging until time of use. In case of partial use of a pallet of coils, keeping the remaining material without leaning on a hard surface.

6. CONTACT WITH FOOD

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

7. SECURITY CONDITIONS FOR FILM HANDLING

Safety data sheet is available upon customer request.

8. USE WARRANTY

This film maintains its optimal properties for use up to six months after production.

9. NOTES

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