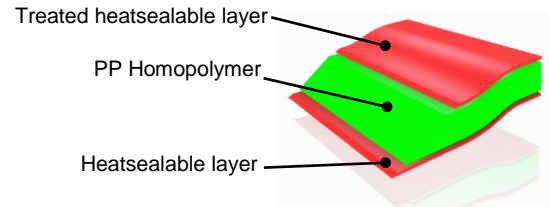


Film reference:
CATE_SOL

Thickness (µm):
15-18-20-25-30-35-40-50

1. PRODUCT FEATURES

- BOPP transparent coextruded film.
- Suitable for rotogravure and flexographic printing and lamination.
- Excellent optical properties, gloss and transparency.
- Excellent dimensional stability.
- Welding resistant to a wide range of temperatures.
- Great versatility in the packaging industry.
- Competitive alternative to coated films.



2. MIGRATION CHARACTERISTICS

- Complies with the specifications 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_SOL								TOLERANCE	TEST METHOD
		15	18	20	25	30	35	40	50		
Thickness	microns	15	18	20	25	30	35	40	50	-7 + 2%	ISO 4591
Unit weight	g/m ²	13,7	16,5	18,2	22,8	27,3	31,9	36,4	45,5	±7%	ISO 4591
Yield	m ² /kg	73,3	60,7	54,9	44,0	36,6	31,4	27,5	22,0	±7%	ISO 4591
Tensile strength at break	MD	130								≥N-30	ISO 527
	TD	240									
Elongation at break	MD	200								≤N+40	ISO 527
	TD	60								≤N+20	
Shrinkage	MD	6	5,5	5						≤N+1,5	ISO 11501
	TD	3	2	2							
Surface treatment level	TS	38								≥ 38	ISO 8296
	US	35								≤35	
Heatsealing resistance US	N/15 mm	2,0	2,5	3,0	3,5			4,0	≥N-0,5	DIN 55529	
Sealing initiation temperature IS/IS	°C	106								≤N+3	DIN 55529
Haze	%	2,3	2,4	2,5	2,6	2,7	2,8	3,0	≤N+1	ASTM D- 1003	
Gloss 45°		80								≥75	ASTM D - 2457
Dynamic friction coefficient TS/US		0,30								≤0,35	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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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 its storage is recommended in a protected area from high humidity and a temperature below 30°C.

Material should be conditioned at room temperature at least 24h before its 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, remaining material should be kept 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.

Refer to specific information.

7. SECURITY CONDITIONS FOR FILM HANDLING

Material 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.