

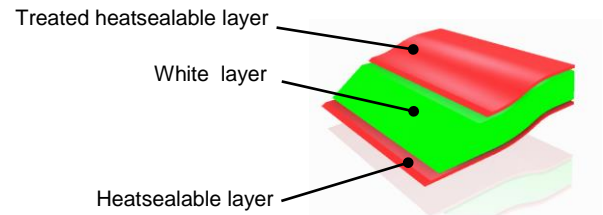
Film reference:

**CATE\_BLA**

Thickness (µm):

**20-30-35-40**
**1. PRODUCT FEATURES**

- White BOPP film treated on external layer.
- The opacity of this film prevents from seeing the wrapped product, therefore it becomes a good substitute for laminations, aluminium, paper.
- Economical, as the use of white ink can be avoided.
- Excellent dimensional stability.
- Strong seal in a wide range of temperatures.
- Good mechanical properties.
- Good performance in horizontal and overwrapping machines.


**2. MIGRATION CHARACTERISTICS**

- Complies with the specifications in force.

**3. USE**

- Suitable for flexographic printing, gravure, high speed packaging.
- Food industry. The film complies with EU and the FDA regulations for use in food contact.

PROPERTIES		UNIT	VALUE APPLIED CATE_BLA				TOLERANCE	TEST METHOD
Thickness		microns	20	30	35	40	±5%	DIN 53 370
Unit weight		g/m <sup>2</sup>	19,5	29,3	34,1	39,1	±7%	ASTM D-2673
Yield		m <sup>2</sup> /kg	51,2	34,1	29,3	25,2	±7%	ASTM D-2673
Tensile strength at break	MD	N/mm <sup>2</sup>	140				≥ N-30	DIN 53 455
	TD		240					
Elongation at break	MD	%	170				≤ N+20	DIN 53 455
	TD		50					
Shrinkage	MD	%	5				≤ N+1,5	OPMA TC 4 (a)
	TD		2					
Surface treatment level	TS	dynes/cm	38				≥ 38	ASTM D-2578
	US		<35				≤ 35	
Heatsealing resistance		N/15 mm	2,5	3,5			≥ N-0,5	OPMA TC 4 (b)
Sealing initiation temperature IS/IS		°C	106				≤ N+3	OPMA TC 4 (b)
Gloss 45°			42				≥ N-5	ASTM D - 2457
Dynamic Coefficient of Friction TS/US			0,30				≤ N+0,05	DIN 53 375
Width		mm	100-2100 <sup>1</sup>				N+2	---
MD = Longitudinal direction TD = Transversal direction		TS = Treated side US = Untreated side		IS = internal side ES = external side				
<sup>1</sup> For other option please request information								

**Film reference:****CATE\_BLA****Thickness (µm):****20-30-35-40****4. GENERAL REEL CHARACTERISTICS**

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

<sup>1</sup> For other option, please request information**5. STORAGE CONDITIONS**

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

Material should be conditioned at room temperature for at least 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**

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. It should not be considered as collateral for a customer's specific application.