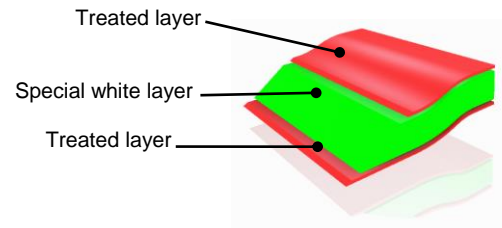


Film reference:
CATA_BAR
Thickness (µm):
45
1. PRODUCT FEATURES

- Greater rigidity than standard white films.
- The opacity of this film prevents the wrapped product from been seen, therefore it becomes a good substitute for laminations, aluminium, paper.
- Excellent dimensional stability.
- Possibility of saving power remove the white ink.
- Good performance in horizontal and overwrapping machines.
- Good barrier against moisture and odours.
- Low environmental impact.


2. MIGRATION CHARACTERISTICS

- Complies with the specifications in force.

3. USE

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

PROPERTIES		UNIT	VALUE APPLIED CATA_BAR	TOLERANCE	TEST METHOD
Thickness		microns	45	-7 + 5%	DIN 53 370
Unit weight		g/m ²	42.7	±7%	ASTM D-5673
Yield		m ² /kg	23.4	±7%	ASTM D-5673
Tensile strength at break	MD	N/mm ²	160	≥ N-30	DIN 53 455
	TD		260		
Elongation at break	MD	%	160	≤ N+20	DIN 53 455
	TD		60		
Shrinkage	MD	%	5	≤ N+1.5	OPMA TC 4(a)
	TD		2		
Surface treatment level		dynes/cm	38	≥38	ASTM D-2578
Haze		%	45	≤ N + 1	ASTM D-1003
Gloss 45°			42	≥ N-5	ASTM D-2457
Dynamic Coefficient of Friction TS/TS			0.30	≤ N+0.05	DIN 53 375
Width		mm	100-2100 ¹	N-0+2	---
MD = Longitudinal direction TD = Transversal direction		TS= Treated side US= Untreated side			
¹ For other option please request information					

Film reference:**CATA_BAR****Thickness (µm):****45****4. GENERAL REEL CHARACTERISTICS**

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

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

For optimum performance of the film its 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 shipment.

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.