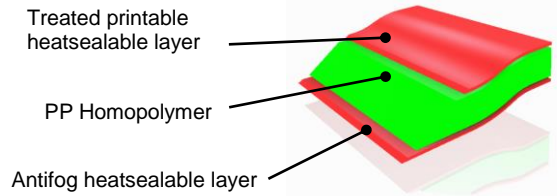


Film reference:
CATA_AVA
Thickness (µm):
20-25-30-35-40
1. PRODUCT FEATURES

- The antifog properties of this film allows to avoid water drops in the internal side of the package to assure good transparency.
- External side printable.
- Internal side antifog properties.
- Increase the time of expiration of the product.
- High yield and good mechanical properties.
- Allows an attractive presentation in the point of sale.
- Low environmental impact.
- Internal side antifog properties with lower surface treatment level respect to the external side.
- **Conversion after 3 months is not recommended.**


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_AVA					TOLERANCE	TEST METHOD
Thickness		microns	20	25	30	35	40	±5%	DIN 53 370
Unit weight		g/m ²	18.2	22.8	27.3	31.9	36.4	±7%	ASTM D-2673
Yield		m ² /kg	54.9	44.0	36.6	31.4	27.5	±7%	ASTM D-2673
Tensile strength at break	MD	N/mm ²	130					≥ N-30	DIN 53 455
	TD		240						
Elongation at break	MD	%	200					≤ N+20	DIN 53 455
	TD		60						
Shrinkage	MD	%	5					≤ N+1.5	OPMA TC 4 (a)
	TD		2						
Surface treatment level ES		dynes/cm	38					≥38	ASTM D-2578
Heatsealing resistance		N/15 mm	3.0		3.5			≥ N-0.5	DIN 55529
Seal initiation temperature IS/IS		°C	120					≤ N+3	DIN 55529
Haze		%	3.5					≤ N +1	ASTM D- 1003
Gloss 45°			80					≥ N-5	ASTM D - 2457
Dynamic Coefficient of Friction ES/ES			0.30					≤ N+0.05	DIN 53 375
Width		mm	100-2100 ¹					N -0+2	---

MD = Longitudinal direction

ES = External side

TD = Transversal direction

IS = Internal side

¹ For other option request information

Film reference:

CATA_AVA

Thickness (µm):

20-25-30-35-40**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 SIDES
LENGTH;	Based on external diameter

¹ For other options, 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 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.

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

MSDS available upon customer request.

8. USE WARRANTY

The film maintains its optimal properties for use up to three month after production.

9. NOTES

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