



PRODUCT DESCRIPTION

- Transparent CPP film.
- Good barrier to humidity, oils and fats.
- Good optical properties.
- High mechanical properties.

KEY FEATURES

CPP film with high tear and puncture resistance (Impact Resistance ASTM D1709-A: 180 g).

USE

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

PROPERTIES		UNIT	VALUE APPLIED to CPHIR BETS					TOLERANCE	TEST
Thickness		microns	25	30	35	40	50	< 40 µm ± 7.5% ≥ 40 µm ± 5%	ISO 4591
Unit weight		g/m ²	22.6	27.2	31.7	36.2	45.3	± 8%	ISO 4591
Yield		m ² /kg	44.2	36.8	31.6	27.6	22.1	± 8%	ISO 4591
Tensile strength at break	MD	N/mm ²	35					≥ N – 5	ISO 527
	TD		25						
Elongation at break	MD	%	450					≥ N – 50	ISO 527
	TD		550						
Surface treatment level	TS	dynes/cm	38					≥ 36	ISO 8296
	US		35					< 36	
Heatsealing resistance, US/US		N/15 mm	4.5	5.5	6.5			≥ N – 0.5	DIN 55529
Sealing initiation temperature, US/US		°C	120					≤ N + 5	DIN 55529
Haze		%	1.8	2.5			≤ N + 1	ASTM D-1003	
Gloss 45°			80					≥ N – 5	ASTM D-2457
Dynamic friction coefficient TS/TS			0.15					≤ N + 0.03	ISO 8295
Dynamic friction coefficient US/US			0.15					≤ N + 0.03	

MD = Longitudinal direction
TD = Transversal direction

US = Untreated side
TS = treated side

GENERAL REEL CHARACTERISTICS

WIDTH:	From 300 to 2500 mm*
MAXIMUM OUTER DIAMETER:	775 mm*
INTERNAL DIAMETER OF core:	76-152 mm
TREATMENT:	external*

* For other options, please request information

**STORAGE CONDITIONS**

For optimum performance of the film, storage is recommended in an area protected from high humidity and at 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.

CONTACT WITH FOOD

The film complies with regulations for use in contact with food. For detailed information on EU and FDA compliance, contact our Technical or Customer Service Department.

**SECURITY CONDITIONS FOR FILM HANDLING**

Safety data sheet is available upon customer request.

USE WARRANTY

This film maintains its optimal properties for use up to three months since the date of production. After this period parameters included in the above table can be altered. The appropriateness of the film after this period should be evaluated under responsibility of the customer.

**RECYCLABILITY**

This film can be considered a polypropylene monomaterial.

NOTES

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