

FILM REFERENCE:

THICKNESS (µm):

CPHIR\_\_\_TS (CPHIR\_BETS, CPHIR\_BITS)

20 - 50

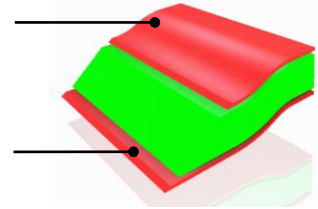
High impact resistance CPP film

1. PRODUCT FEATURES

- Good optical and mechanical properties.
- Good tear and puncture resistance.
- Excellent hot-tack.
- Good barrier to humidity, oils and fats.
- Antistatic properties.
- Medium COF on both sides.

Treated sealable layer

Sealable layer



2. MIGRATION CHARACTERISTICS

- Complies with the specifications in force.

3. USE

- Food industry. The film complies with the EEC and FDA regulations for use in contact with food.
- **Main application: high resistance wicket bag.**

PROPERTIES		UNIT	VALUE APPLIED TO CPHIR___TS							TOLERANCE	TEST METHOD
Thickness		µm	20	25	30	35	40	45	50	<40 µm ±7.5% ≥40 µm ±5%	ISO 4591
Unit weight		g/m <sup>2</sup>	18.1	22.6	27.2	31.7	36.2	40.7	45.3	±8%	ISO 4591
Yield		m <sup>2</sup> /kg	55.2	44.2	36.8	31.6	27.6	24.6	22.1	±8%	ISO 4591
Tensile strength at break	MD	N/mm <sup>2</sup>	35							≥ N-5	ISO 527
	TD		25							≥ N-5	
Elongation at break	MD	%	500							≥ N-50	ISO 527
	TD		600							≥ N-50	
Surface treatment level	TS	dynes/cm	38							≥ 36	ISO 8296
	US		35							<36	
Impact Resistance		g	180							>N-30	ASTM D1709-A
Heatsealing resistance		N/15 mm	4.5			6.5				≥N-0.5	DIN 55529
Sealing initiation temperature		°C	120							≤N+5	DIN 55529
Haze		%	1.8			2.0				≤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	
Width		mm	100-2100 <sup>1</sup>							N-0+2	---
MD = Longitudinal direction		TS = Treated side									
TD = Transversal direction		US = Untreated side									
Other information is available upon request											

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**4. GENERAL CHARACTERISTICS COILS**

WIDTH:	From 300 to 2.500 mm
MAXIMUM OUTER DIAMETER:	775 mm <sup>1</sup>
INTERNAL DIAMETER OF TUBE:	76-152 mm
TREATMENT:	EXTERNAL/INTERNAL <sup>1</sup>

<sup>1</sup>Other options are available upon request**5. STORAGE CONDITIONS**

For optimum performance of the film it is recommended to be stored 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 coils in their original packaging until its use. In case of partial use of a pallet of coils the remaining material should be kept without leaning on a hard surface.

**6. CONTACT WITH FOOD**

The film complies with the EEC 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 three months after production.

**9. NOTES**

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