

FILM REFERENCE:

THICKNESS (µm):

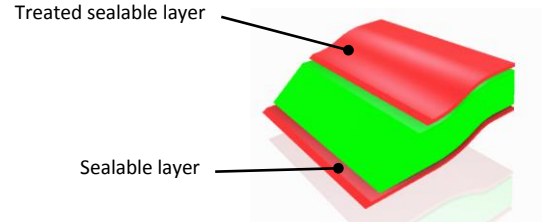
CPUHI_ __TS (CPUHI_BETS, CPUHI_LETS, CPUHI_BITS, CPUHI_LITS)

20 - 50

High impact resistance CPP film with high resistance at low temperatures

1. PRODUCT FEATURES

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



2. MIGRATION CHARACTERISTICS

- Complies with the specifications in force.

3. USE

- Food industry. The film complies with the EU and FDA regulations for use in contact with food.
- **Main application: very high impact resistance bag with high resistance at low temperatures.**

PROPERTIES		UNIT	VALUE APPLIED TO CPUHI_ __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 ²	18.1	22.6	27.2	31.7	36.2	40.7	45.3	±8%	ISO 4591
Yield		m ² /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 ²	40			45				≥ N-5	ISO 527
	TD		20			25				≥ N-5	
Elongation at break	MD	%	450			550				≥ N-50	ISO 527
	TD		550			650				≥ N-50	
Surface treatment level	TS	dynes/cm	38							≥ 36	ISO 8296
	US		35							<36	
Impact resistance	23 ± 2°C	g	250		400			550		>N-100	ASTM D1709-A
	-25 ± 2°C		≥ 200		≥ 300			≥ 500			
Heatsealing resistance		N/15 mm	4.5			5.5				≥N-0.5	DIN 55529
Sealing initiation temperature		°C	120							≤N+5	DIN 55529
Haze		%	3.5			4.5				≤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		TS = Treated side									
TD = Transversal direction		US = Untreated side									
Other information is available upon request											

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4. GENERAL CHARACTERISTICS COILS

WIDTH:	300 to 2.500 mm
MAXIMUM OUTER DIAMETER:	775 mm ¹
INTERNAL DIAMETER OF TUBE:	76-152 mm
TREATMENT:	EXTERNAL ¹

¹Other options are available upon request**5. STORAGE CONDITIONS**

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

Material should be conditioned at room temperature at least 24h before its use.

It is recommended to keep the coils in their original packaging until time of use. In case of partial use of a pallet of coils, remaining material should be kept 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

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.