

FILM REFERENCE:

THICKNESS (µm):

**CPSIR\_ \_\_TS** (CPSIR\_BETS, CPSIR\_TETS, CPSIR\_BITS, CPSIR\_TITS)

**20-100**

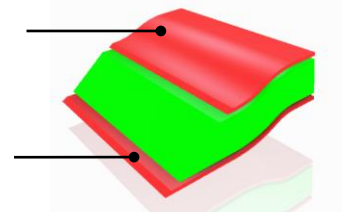
Heatsealable CPP film at standard temperature on both sides

**1. PRODUCT FEATURES**

- Good optical and mechanical properties.
- Good tear resistance.
- Good 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: standard textile bag with standard resistance.**

PROPERTIES		UNIT	VALUE APPLIED TO CPSIR_ __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	
Heatsealing resistance		N/15 mm	4.5		5.5					≥N-0.5	DIN 55529
Sealing initiation temperature		°C	120							≤N+5	DIN 55529
Haze		%	4.0		5.0					≤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	
MD = Longitudinal direction		TS = Treated side									
TD = Transversal direction		US = Untreated side									
Other information is available upon request											

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Heatsealable CPP film at standard temperature on both sides

PROPERTIES		UNIT	VALUE APPLIED TO CPSIR_ __TS					TOLERANCE	TEST METHOD
Thickness		µm	60	70	80	90	100	<40 µm ±7.5% ≥40 µm ±5%	ISO 4591
Unit weight		g/m <sup>2</sup>	54.3	63.4	72.4	81.5	90.5	±8%	ISO 4591
Yield		m <sup>2</sup> /kg	18.4	15.8	13.8	12.3	11.0	±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	
Heatsealing resistance		N/15 mm	55					≥N-0.5	DIN 55529
Sealing initiation temperature		°C	120					≤N+5	DIN 55529
Haze		%	5.0					≤N+1	ASTM D- 1003
Gloss 45 <sup>º</sup>		---	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	

#### 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 is recommended for its storage in a protected area of high humidity and a temperature below 30 °C..

Material should be conditioned at room temperature at least for 24h before 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, keeping the remaining material 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.