

FILM REFERENCE:

THICKNESS (µm):

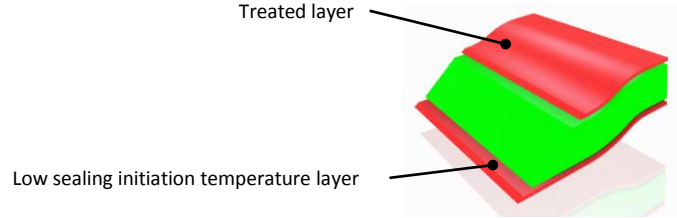
**CPLST\_\_TT** (CPLST\_LETT, CPLST\_LITT)

**20 - 70**

Heatsealable CPP film at low temperature for lamination suitable for sterilization

**1. PRODUCT FEATURES**

- Low sealing initiation temperature.
- Good optical and mechanical properties.
- Good tear and puncture resistance.
- Good barrier to humidity, oils and fats.
- Antistatic properties.
- Suitable for sterilization.



**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: standard lamination.**

PROPERTIES		UNIT	VALUE APPLIED TO CPLST__TT							TOLERANCE	TEST METHOD	
Thickness		µm	20	25	30	35	40	45	50	70	<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	63.4	±8%	ISO 4591
Yield		m <sup>2</sup> /kg	55.2	44.2	36.8	31.6	27.6	24.6	22.1	15.8	±8%	ISO 4591
Tensile strength at break	MD	N/mm <sup>2</sup>	45							≥ N-5	ISO 527	
	TD		25							≥ N-5		
Elongation at break	MD	%	450							≥ N-50	ISO 527	
	TD		550							≥ N-50		
Surface treatment level	TS	dynes/cm	38							≥ 36	ISO 8296	
	US		35							< 36		
Heatsealing resistance		N/15 mm	4.5		6.5			10.0		≥ N-0.5	DIN 55529	
Sealing initiation temperature		°C	105							≤ N+5	DIN 55529	
Haze		%	2.5		5.5					≤ N+1	ASTM D-1003	
Gloss 45°			80							≥ N-5	ASTM D - 2457	
Dynamic friction coefficient TS/TS			0.45							≥ N-0.15	ISO 8295	
Dynamic friction coefficient US/US			0.15							≤ N+0.05		

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 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.