

FILM REFERENCE:

THICKNESS (µm):

CPSIR_ __TV (CPSIR_BETV, BITV, LETV, LITV, FETV, FITV)

20-100

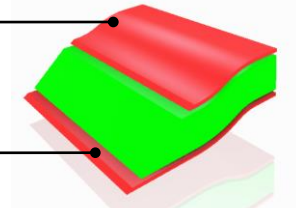
Antifog and heatsealable CPP film at standard temperature on both sides

1. PRODUCT FEATURES

- The antifog properties of this film allows to avoid water drops in the internal side of the package to assure good transparency.
- External side printable.
- Internal side antifog properties.
- Increase the time of expiration of the product.
- Good optical and mechanical properties.
- Good tear resistance.
- Allows an attractive presentation in the point of sale.

Treated heatsealable layer

Antifog and heatsealable layer



2. MIGRATION CHARACTERISTICS

- Complies with the specifications in force.
- Global migration under evaluation.

3. USE

- Food industry. The film complies with the UE and FDA regulations for use in contact with food.
- **Main application: Antifog applications.**

PROPERTIES		UNIT	VALUE APPLIED TO CPSIR_ __TV							TOLERANCE	TEST METHOD
Thickness		µm	20	25	30	35	40	45	50	<40 µm ±7.5% ≥40 µm ±5%	ISO 4591
Unit weight			18.1	22.6	27.2	31.7	36.2	40.7	45.3	±8%	ISO 4591
Yield		m ² /kg	55.3	44.2	36.8	31.6	27.2	24.5	22.1	±8%	ISO 4591
Tensile strength at break	MD	N/mm ²	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		---	0.19							≤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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PROPERTIES		UNIT	VALUE APPLIED TO CPSIR_ __TV					TOLERANCE	TEST METHOD
Thickness		µm	60	70	80	90	100	<40 µm ±7.5% ≥40 µm ±5%	ISO 4591
Unit weight		g/m ²	54.3	63.4	72.4	81.5	90.5	±8%	ISO 4591
Yield		m ² /kg	18.2	15.6	13.7	12.1	10.9	±8%	ISO 4591
Tensile strength at break	MD	N/mm ²	35					≥ N-5	ISO 527
	TD		25					≥ N-5	
Elongation at break	MD	%	500					≥ N-50	ISO 527
	TD		600					≥ N-50	
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4. GENERAL CHARACTERISTICS COILS

WIDTH: From 300 to 2.500 mm
 MAXIMUM OUTER DIAMETER: 775 mm¹
 INTERNAL DIAMETER OF TUBE: 76-152 mm
 TREATMENT: EXTERNAL¹

¹Other options are available upon request

5. STORAGE CONDITIONS

For optimum performance of the film its storage is recommended 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 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 UE 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.