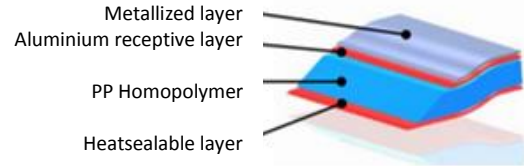


FILM REFERENCE:
CPSIR_MEMS
CPP film metallized on external side
THICKNESS (μm):
20-25
1. PRODUCT FEATURES

- Metallized with high purity aluminium CPP film.
- Good mechanical properties.
- Good tear resistance.
- Good barrier to humidity, oils and fats.


2. MIGRATION CHARACTERISTICS

- Migration under evaluation.

3. USE

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

PROPERTIES		UNIT	VALUE APPLIED TO CPSIR_MEMS		TOLERANCE	TEST METHOD
Thickness		μm	20	25	±7.5%	ISO 4591
Unit weight		g/m ²	18.2	22.8	±8%	ISO 4591
Yield		m ² /kg	54.9	44.1	±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	
Heatsealing resistance		N/15 mm	5.5		≥N-0.5	DIN 55529
Sealing initiation temperature		°C	120		≤N+5	DIN 55529
Dynamic friction coefficient TS/TS		---	0.45		≥N-0.15	ISO 8295
Dynamic friction coefficient US/US		---	0.55		≤N+0.05	
Optical density		%	2.2		±7%	Mac Beth
Oxygen permeability		cm ³ /m ² .d	155		≤N+225	23°C, 0%HR ASTM D 3985
Water vapour permeability		g/m ² .d	1.4		≤N+1	38°C, 90% HR ASTM F 1249

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 ¹
INTERNAL DIAMETER OF TUBE:	76-152 mm
TREATMENT:	EXTERNAL/INTERNAL ¹

¹Other 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 UE 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.