

CEL-MET™ CPP Film Metallized CPP

Metallized one side, heat sealable the opposite side

High barrier metallized cast polypropylene with excellent metal adhesion. For use in adhesive lamination, one side is sealable on the non-metallized side. Film exhibits high tensile strength and puncture resistance. Good machinability and slip characteristics with a wide seal range on the heat seal layer. Conforms to FDA requirements.

Properties		Typical Values		Unit	Testing Method
Thickness		118,0 29,5	160,0 40,0	Mil µm	ASTM D6988
Yield		36,98	27,0	m ² /kg	ASTM D4321
Optical Density		2.1 min.		Tobias Densitometer	CMP OD-1
Light Transmission		<1		%	ASTM D1003-61
Heat Seal Initiation Temperature Non-metallized side (60 psi, 0.5 sec)		112		° C (>300g)	
Coefficient of Friction		0,29 0,21		F/F Kinetic F/M Kinetic	ASTM D1894
Tensile strength at Break	MD	56,9	55,0	N/25mm	ASTM D882
	TD	41,5	44,0		
Elongation at Break	MD	735	750	%	ASTM D882
	TD	850	900		
Water Vapor Transmission		0,62		g/m ² / 24 hr.	ASTM F1249 100° F, 90% RH
Oxygen Transmission		46 - 78		cc/m ² /24 hr.	ASTM D3985 72° F, 50% RH
Metal Adhesion		3,0		N/25mm	CMP MA-1

The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.

Celplast does not guarantee the corona treatment on metallized CPP films. We recommend storing this film for no longer than two months. If storage exceeds two months, apply primer or re-treat in line, or consult your ink and adhesive supplier for best results.

CEL-MET CPP meets F.D.A. requirements of 21 CFR 177.1520 (3.1). **This regulation describes polypropylene & olefin copolymers that can be safely used in articles used for packaging or holding food at low temperatures and/or room temperature.**