

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 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		80	98	120	160	Gauge	ASTM D6988
Yield		39,100	31,300	25,660	19,500	sq. in/lb	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)		237.2		233.6		° F (>300g)	
Coefficient of Friction		0.34 0.28		0.29 0.21		F/F Kinetic F/M Kinetic	ASTM D1894
Tensile strength at Break	MD	9,418		8,259	7,970	lb./sq.in	ASTM D882
	TD	5,796		6,085	6,375		
Elongation at Break	MD	700		735	750	%	ASTM D882
	TD	800		850	900		
Water Vapor Transmission		0.04				g/100in ² / 24 hrs	ASTM F1249 100° F, 90% RH
Oxygen Transmission		4 - 6	3 - 5			cc/100in ² /24 hrs	ASTM D3985 72° F, 50% RH
Metal Adhesion		300				g/in	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 not storing this film for periods longer than two months. If stored longer, we suggest applying primer or re-treating in line or consult your ink and adhesive supplier to achieve optimum results.

CEL-MET CPP meets F.D.A. Requirements pertaining to 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.**