celplast
metallized products

Celplast Metallized Products Limited
67 Commander Blvd, Unit 4
Toronto, Ontario, M1S 3M7
O 416-293-4330 F 416-293-9198
www.celplast.com

FOILMET®

METALLIZED POLYESTER FILM

Typical Values

Metal One Side, Corona Treat Other Side

A metallized polyester film which provides a guaranteed superior oxygen and water vapor barrier. This surface-printable biaxially oriented polyester film exhibits excellent adhesion and bright foil appearance. Consistently good handling properties, heat stability, slip, and high tensile strength for easy lamination. Featuring superior WVTR, OTR, and light barrier properties.

Properties	Typical Value		Units	Test Method
Yield	41,600		in²/lb	
Thickness	0.48 12		Mil µm	
Tensile Strength	MD TD	30,000 33,000	Psi	ASTM D882
Elongation	MD TD	120 120	%	ASTM D882
Heat Shrinkage	MD TD	1.5 0.2	%	30 min. 70° C.
Optical Density **Light Transmission**	> 2.0 < 1.0		Tobias %	CMP OD-1
Coefficient of Friction	Kinetic Static	0.45 0.55	-	ASTM D1894
WVTR	< 0.04		g/100in²/24 hr	ASTM E-398 (100° F, 90% RH)
OTR	< 0.03		cc/100in²/24 hr	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	300		g/in	CMP MA-1
Surface Energy on Non-metal side	54		Dyne/cm	ASTM D2578

The polyester side complies with the regulation FDA 21 CFR 177.1630 (f, g, h) and EU Directive 2002/72 and 2011/10.

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.

January 2026