

## FOILMET<sup>®</sup> PLUS

### METALLIZED POLYESTER FILM

#### Typical Values

**Metal One Side, Corona Treat Other Side**

A metallized polyester film which provides guaranteed superior oxygen and water vapor barrier. This surface printable biaxially oriented polyester film exhibiting 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
<b>Yield</b>	41,600		in <sup>2</sup> /lb	
<b>Thickness</b>	0.48 12		Mil µm	
<b>Tensile Strength</b>	30,000 33,000	MD TD	Psi	ASTM D882
<b>Elongation</b>	120 120	MD TD	%	ASTM D882
<b>Heat Shrinkage</b>	1.5 0.2	MD TD	%	30 min. 70° C.
<b>Optical Density</b>	>2.0		Tobias	CMP OD-1
<b>Light Transmission</b>	< 1.0		%	
<b>Coefficient of Friction</b>	0.45 0.55	Kinetic Static	-	ASTM D1894
<b>WVTR</b>	< 0.02		g/100in <sup>2</sup> /24 hr	ASTM E-398 (100° F, 90% RH)
<b>OTR</b>	< 0.02		cc/100in <sup>2</sup> /24 hr	ASTM D-3985 (73.4° F, 50% RH)
<b>Metal Adhesion</b>	300		g/in	CMP MA-1
<b>Surface Energy on Non-metal side</b>	54		Dyne/cm	ASTM D2578

The polyester side is in compliance 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.