

## **FOILMET®**

### **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 MD 33,000 TD	MD TD	Psi	ASTM D882
<b>Elongation</b>	120 MD 120 TD	MD TD	%	ASTM D882
<b>Heat Shrinkage</b>	1.5 MD 0.2 TD	MD TD	%	30 min. 70° C.
<b>Optical Density</b>	>2.0		Tobias Densitometer	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>	< 0.04		g/100in <sup>2</sup> /24 hr	ASTM E-398 (100° F, 90% RH)
<b>OTR</b>	< 0.03		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.

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