



FOILMET[®] PLUS

METALLIZED POLYESTER FILM

Typical Values (Metric)

Metallized 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
Thickness		12,0	µm	
Yield		59,2	m ² /kg	
Tensile Strength	MD	206,8	N/mm ²	ASTM D882
	TD	227,5		
Elongation	MD	90	%	ASTM D882
	TD	70		
Heat Shrinkage	MD	1.5	%	30 min, 70 °C
	TD	0.2		
Optical Density		2,0		CMP OD-1
Light Transmission		< 1,0	%	
WVTR		< 0,31	g/m ² /24 hr	ASTM F1249 (37,8°C, 90% RH)
OTR		< 0,31	cc/m ² /24 hr	ASTM D3985 (23°C, 50% RH)
Metal Adhesion		6,0	N/25mm	CMP MA-1
Surface Energy (Non-metal side)		54,0	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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