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REFLECT-MET™ METALLIZED & TOP-COATED POLYESTER FILM

Coated Metal One Side, Corona Treat Other Side

A bi-axially oriented polyester film exhibiting excellent heat reflection properties, a protected metal layer, and bright foil appearance. Consistently good handling properties, heat stability, slip, and high tensile strength for easy lamination. Excellent MVTR, and light barrier properties.

Properties	Typical Value	Units	Test Method
Yield	40,200	in ² /lb	
PET Film Gauge	0.48	mil	
Tensile Strength	25,000 MD 30,000 TD	psi	ASTM D882
Tensile Modulus	600,000	psi	ASTM D882
Elongation	90 MD 70 TD	%	ASTM D882
Optical Density	2.0 min.	Macbeth	CMP OD-1
Light Transmission	<1.0	%	
Emissivity	0.05	-	ASTM C1371
Moisture corrosion	Minimal	Visual inspection after 7 days accelerated aging	ASTM D3310
Vapor retarder	0.008 0.235	Perms (not aged) Perms (after 28 days accelerated aging)	Perm - ASTM E96 Aging - ASTM C1258
Non-metal side surface energy	54	dyne	
MVTR	0.05	g/100in ² /24 hr.	ASTM E398 (100° F, 90% RH)
Metal Adhesion	300	g/in	CMP MA-1

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