

# REFLECT-MET<sup>®</sup> PET

## TOP COATED & METALLIZED POLYESTER FILM

### Typical Values (Imperial)

Coated Metallized one side, Corona Treat other side

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

Properties		Typical Value	Units	Test Method
Thickness		0.48	mil	
Yield		40,800	in <sup>2</sup> /lb	
Tensile Strength	MD	25,000	psi	ASTM D882
	TD	30,000		
Tensile Modulus	MD	530,000	psi	ASTM D882
	TD	560,000		
Elongation	MD	90	%	ASTM D882
	TD	70		
Optical Density		2.0		CMP OD-1
Light Transmission		<1.0	%	
Emissivity		0.05		ASTM C1371
Moisture Corrosion		Passes	Visual Inspection after 7 days aging	ASTM D3310
Vapor Retarder		0.008	Perms (not aged)	Perm – ASTM E96
		0.235	Perms (after 28 days accelerated aging)	Aging – ASTM C1258
Metal Adhesion		300	g/in	CMP MA-1
Surface Energy (Non-metal side)		54	Dyne/cm	ASTM D2578

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