

REFLECT-MET[®] PET / Clear LDPE

TOP COATED METALLIZED POLYESTER FILM, POLYCOATED

Typical Values (Imperial)

Coated Metallized one side. Clear LDPE Other side

A bi-axially oriented metallized and top-coated polyester facer film exhibiting excellent heat reflection properties, and corrosion resistance, with a bright foil appearance. The metallized PET facer is coated on the opposite side of the metal with 7.5 lbs/ream of clear LDPE.

◆ Applications: Reflective and radiant barrier

Properties		Typical Value	Units	Test Method
Thickness		1.0	mil	
Yield		24,000	in ² /lb	
Tensile Strength	MD	25,000	psi	ASTM D882
	TD	30,000		
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	< 0.1 emissivity after 7 days aging	ASTM D3310
Vapor Retardation		0.008	Perms (not aged)	Perm – ASTM E96 Aging – ASTM C1258
		0.235	Perms (after 28 days accelerated aging)	
Metal Adhesion		300	g/in	CMP MA-1
Adhesion of LDPE to Film Substrate		>400 Destruct	g/in	QCP-31

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.

REFLECT-MET[®] PET /Clear LDPE

TOP COATED METALLIZED POLYESTER FILM, POLYCOATED

Typical Values (Metric)

Coated Metallized one side. Clear LDPE Other side

A bi-axially oriented metallized and top-coated polyester facer film exhibiting excellent heat reflection properties, and corrosion resistance, with a bright foil appearance. The metallized PET facer is coated on the opposite side of the metal with 3.4 kg/ream of clear LDPE.

◆ Applications: Reflective and radiant barrier

Properties		Typical Value	Units	Test Method
Thickness		25,0	µm	
Yield		34,1	m ² /kg	
Tensile Strength	MD	172,4	N/mm ²	ASTM D882
	TD	206,8		
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	< 0.1 emissivity after 7 days aging	ASTM D3310
Vapor Retardation		0,008	Perms (not aged)	Perm – ASTM E96 Aging – ASTM C1258
		0.235	Perms (after 28 days accelerated aging)	
Metal Adhesion		3,0	N/25mm	CMP MA-1
Adhesion of LDPE to Film Substrate		>4,0 Destruct	N/25mm	QCP-31

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