



REFLECT-MET PET & PE LAM **METALLIZED PET FILM LAMINATE** Metallized polyester / White PE coating

A top-coated and metallized bi-axially oriented polyester film with white polyethylene extrusion applied to the non-metallized side. Excellent MVTR, OTR, and light barrier properties. Used in insulation and other protective and packaging applications.

| Properties | Typical Value | Units | Test Method |
|------------------------------------|-------------------------|---|---------------------------------------|
| Yield | 24,286 | in ² /lb | |
| Standard Gauge | 1.0 | Mil | |
| Tensile Strength | 25,000 MD 30,000 TD | Psi | ASTM D882 |
| Elongation | 90 MD 70 TD | % | ASTM D882 |
| Optical Density | 2.1 min. | Tobias Densitometer | CMP OD-1 |
| Light Transmission | <1.0 | % | |
| Emissivity | 0.055 | - | ASTM 1371 |
| Moisture Corrosion | Passes | Visual inspection after 7 days accelerated aging | ASTM D3310 |
| Vapor Retarder | 0.008 .235 | Perms (not aged) Perms (after 28 days accelerated aging) | Perm – ASTM E96 Aging – ASTM C1258 |
| MVTR | 0.05 | g/100in ² /24 hr. | ASTM E-398 (100° F, 90% RH) |
| OTR | 0.06 | cc/100in ² /24 hr. | ASTM D-3985 (73.4° F, 50% RH) |
| Metal Adhesion | 300 | g/in | CMP MA-1 |
| Adhesion of LDPE to Film Substrate | >400 Cannot separate | g/in | QCP-31 |

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