

## TECH-VENTURINTERNATIONAL Inc.

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File: RD102

### Metallized Polyester Film

**Origin:** Made in China

**Structure:** Metallized on one side, Corona treat on other side.

**Feature:** A metallized bi-axially oriented polyester film exhibiting good metal adhesion and bright Al foil appearance. Consistently good handling properties, heat stability, slip, and high tensile strength for easy lamination. Featuring superior MVTR, OTR and light barrier properties. Providing superior oxygen and water vapor barrier. The polyester side is in compliance with the regulation FDS 21 CFR 177.1630(section f,g,h), approved for direct food contact. The non-metallized side is FDA approved for indirect Food contact.

#### Specification:

No	Properties	Required value	Units	Test Method
1	Yield	41,842	in <sup>2</sup> /lb	
2	Standard Gauge (Thickness)	0.48 or 12	Mil u	
3	Tensile Strength	25,000 MD 30,000 TD	psi	ASTM D882
4	Tensile Modulus	600,000	psi	ASTM D882
5	Elongation	90 ND 70 TD	%	ASTM D882
6	Optical Density	0.2-3.0		CMP OD-1
7	Light Transmission	<1.0	%	CMP OD-1
8	Coefficient of Friction	Static .55 Dynamic .45		ASTM D-1894
9	MVTR	<0.04	g/100in <sup>2</sup> /24hr.	ASTM E-398 (100 F,90%RH)
10	OTR	<0.03	cc/100 in <sup>2</sup> /24hr	ASTM D-3985 (73.4 F,50%RH)