

ENVIROMET™ 80g

HIGH BARRIER METALLIZED POLY(LACTIC) ACID FILM

Typical Values

Metal One Side, No Treat Other Side

A metallized EarthFirst® PLA film, made from a renewable resource: plants. Good handling and excellent barrier properties. Excellent surface brightness and metal adhesion.

Properties	Typical Value	Units	Test Method
Yield	27,600	in ² /lb	
Thickness	0.8 20	Mil µm	
Optical Density	2.0	Macbeth	CMP OD-1
Light Transmission	< 1.0	%	
Coefficient of Friction	0.45 Kinetic 0.55 Static	-	ASTM D1894
WVTR	0.2	g/100in ² /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	0.4	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	400	g/in	CMP MA-1
Ultimate Tensile Strength	8,000 MD 8,000 TD	Psi	ASTM D882
Base Film Compostability	Passed		ASTM D6400

The non-metallized side is FDA approved for direct food contact. Film-to-film heat seals provide film destruct bonds.

The metallized side is FDA approved for indirect food contact.

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This product is made using:

