

CEL-MET™ Heat Seal 48g METALLIZED POLYESTER FILM

Typical Values Metal One Side, Heat Seal Other Side

A metallized bi-axially oriented polyester film with a destruct bond heat seal layer on the other side.

Properties	Typical Value	Units	Test Method
Yield	41,900	in ² /lb	
Thickness	0.48 12	Mil µm	
Tensile Strength	23,000 MD 26,000 TD	Psi	ASTM D882
Tensile Modulus	570,000 MD 610,000 TD	Psi	ASTM D882
Elongation	130 MD 100 TD	%	ASTM D882
Optical Density	2.0	Macbeth	CMP OD-1
Light Transmission	< 1.0	%	
Coefficient of Friction	0.4 Kinetic 0.5 Static	-	ASTM D1894
WVTR	0.08	g/100in ² /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	0.08	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	300	g/in	CMP MA-1
Heat Seal Strength	400	g/in	Film/film @ 248F/33psi/1s

The polyester side is in compliance with the regulation FDA 21 CFR 177.1630 (f, g, h)
The metallized side is FDA approved for indirect food contact.

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