



## CEL-MET™ HS PET METALLIZED HEAT SEALABLE POLYESTER FILM

### Typical Values Metallized One Side, Heat Sealable Other Side

A metallized bi-axially oriented polyester film with a heat seal layer opposite the metal side.

Properties	Typical Value					Units	Test Method
Yield	41,900	33,500	25,100	21,900	16,800	in <sup>2</sup> /lb	
Standard Gauge	0.48	0.60	0.80	0.92	120	mil	
Tensile Strength at break	MD TD	23,000 26,000			26,000 27,000	psi	ASTM D882
Elongation at break	MD TD	130 100	145 120		140 95	%	ASTM D882
Initial Modulus	MD TD	570 610			570 580	Kpsi	ASTM D882-83
Shrinkage	MD TD	1.4 0.1	1.1 0.1			%	300°F/30 Min.
Optical Density	2.0 min.					Tobias Densitometer	CMP OD-1
Light Transmission	<1.0						
MVTR	0.08					g/100in <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	0.08					cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Coefficient of Friction	0.45 0.50					Kinetic Static	ASTM D-1894
Heat Seal Strength		500	600	900		gms/inch	Film to film 134C, 33psi, 1 sec

The polyester side is in compliance with the regulation FDA 21 CFR 177.1630 (f, g, h)

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