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## Mirrored Mylar

Technical Data

**Description:** Mirrored Mylar is an oriented polyester film with a very thin coating of aluminum that is vacuum deposited on to the surface of the film. This product is well suited in a variety of industrial and decorative applications, including printing, packaging, PoP and display, crafts and many other applications.

### Features:

Clean Mirror Finish	Dimensional Stability	Lay-Flat	Chemical Resistance
Heat Resistance to 230 C	Conducts Electricity		

### Features:

Silver	Gold
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## Typical Properties of Mirrored Mylar

Properties based on 92 Gauge General Use Film. Properties of other gauges and finishes of Mylar can vary.

<i>Property</i>	<i>Typical Value</i>	<i>Units Test</i>	<i>Method</i>
Tensile Strength (MD)	28,000	psi	ASTM D 882
Tensile Strength (TD)	34,000	psi	ASTM D 882
Strength Elongation MD	15,000	psi	ASTM D 882
Strength F-5 TD	14,000	psi	ASTM D 882
Modulus MD	710,000	psi	ASTM D 882
Modulus TD	740,000	psi	ASTM D 882
Elongation MD	115	%	ASTM D 882
Elongation TD	92	%	ASTM D 882
Surface Roughness	38	nm	Optical Profilometer
Density	1.39	g/cc	ASTM D 1505
Viscosity	0.56	dL/g	ASTM D 4603
Yield	21,000	in <sup>2</sup> /lb	

## Thermal Properties

<i>Property</i>	<i>Typical Value</i>	<i>Units Test</i>	<i>Method</i>
Melt Point	254	°C	
Dimensional Stability			
at 105° MD	0.6	%	
at 105° MD	0.3	%	
at 105° MD	1.8	%	
at 105° MD	1.0	%	
Specific Heat	0.28	cal/g/°C	
Thermal Expansion	1.7 x 10 <sup>-5</sup>	in./in./°C	ASTM D 696
UL94 Flame Class	94VTM-2	Slow to Self Extinguishing	

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