



# DuPont Teijin Films™

## MYLAR® 840

### Product Description

Mylar® 840 is a one-side pretreated polyester film for improved metal or cold seal adhesion. The packaging industry is constantly setting higher standards for product protection using flexible packaging films. Improved barriers as well as package strength and stiffness are key characteristics of Mylar® 840 polyester which has made it a premier packaging film.

### Approvals

**Food Contact Status** - Please contact your DuPont Teijin Films representative to receive the Regulatory Compliance documents

### Typical Properties

<b>Available Thickness [Gauge]</b>
48

Property	Thickness	Value	Units	Test
<b>BARRIER</b>				
Gas Permeability - Carbon Dioxide	48	31.0	cc/100 in <sup>2</sup>	ASTM D1434 (24 hrs @ 77°F and 75% RH @ 1 ATM)
Gas Permeability - Nitrogen	48	1.6	cc/100 in <sup>2</sup>	ASTM D1434 (24 hrs @ 77°F and 75% RH @ 1 ATM)
<b>OPTICAL</b>				
Total Light Transmission (TLT)	48	88.5	%	ASTM D1003
<b>PHYSICAL</b>				
Bond Strength @ Ambient Conditions (metallized)	48	750	g	77°F and 50% RH
C.O.F. (dynamic) A-B	48	0.4		ASTM D1894
C.O.F. (static)	48	0.5		ASTM D1894
Density	48	1.40	g/cc	
Elongation at Break MD	48	110	%	ASTM D882A
Elongation at Break TD	48	80	%	ASTM D882A
Tensile Strength MD	48	32,000	psi	ASTM D882A
Tensile Strength TD	48	38,000	psi	ASTM D882A
Yield (nominal)	48	42,200	in <sup>2</sup> /lb	
<b>THERMAL</b>				
Shrinkage MD (150°C)	48	1.26	%	Unrestrained @ 150°C/30 min
Shrinkage TD (150°C)	48	1.28	%	Unrestrained @ 150°C/30 min

### Contact Info

DuPont Teijin Films U.S. Limited Partnership  
3600 Discovery Drive  
Chester, VA 23836 USA  
Tel: (800) 635-4639  
Fax: (804) 530-9867

### Disclaimer

Note: These values are typical performance data for DuPont Teijin Films' polyester film; they are not intended to be used as design data. We believe this information is the best currently available on the subject. It is offered as a possible helpful suggestion in experimentation you may care to undertake along these lines. It is subject to revision as additional knowledge and experience is gained. DuPont Teijin Films makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate

under, or intended to suggest infringement of, any existing patents.

CAUTION: Do not use in medical applications involving permanent implantation in the human body ([DuPont Teijin Films Medical Policy](#)). For other medical applications, see the [Medical Caution Statement](#). DuPont Teijin Films accepts no liability for use of its products in medical applications not reviewed and approved by DuPont Teijin Films or for product misuse. DuPont Teijin Films supplies products to an agreed specification and does not manufacture products designed specifically for medical end use.

Melinex®, Mylar® and Melinex® ST™ are registered trademarks of DuPont Teijin Films U.S. Limited Partnership. Teijin® and Tetoron® are registered trademarks of Teijin Limited used under license by DuPont Teijin Films U.S. Limited Partnership. Teonex® is a registered trademark of Teijin DuPont Films Japan Limited and is used under license by DuPont Teijin Films U.S. Limited Partnership.