



# DuPont Teijin Films™

## MELINEX® 3381

### Product Description

MELINEX® 3381 is a two-side heat sealable, opaque white polyester film which is ideal in specialty card laminate applications. This film can be heat sealed to itself and other polyesters, as well as a variety of substrates including some grades of paper, PVC, and Teslin®. MELINEX® 3381 film is available in thicknesses of 600 and 1210 gauge.

### Typical Properties

Available Thickness [Gauge]
600; 1210

Property	Thickness	Value	Units	Test
<b>OPTICAL</b>				
Optical Density	600	1.0	%	DTF (US) Test Method 2.30.2
Optical Density	1210	1.9	%	DTF (US) Test Method 2.30.2
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B		0.9		ASTM D1894
Density		1.50	g/cc	ASTM D1505
Elongation at Break MD		150	%	ASTM D882A
Elongation at Break TD		100	%	ASTM D882A
Tensile Strength MD		8,000	psi	ASTM D882A
Tensile Strength TD		15,000	psi	ASTM D882A
Yield Strength MD		8,000	psi	ASTM D882A
Yield Strength TD		8,000	psi	ASTM D882A
<b>THERMAL</b>				
Heat Seal Temp. Range		285-340	°F	20 minutes @150 – 200 psi
Shrinkage MD (190°C)		1.0	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)		0.5	%	Unrestrained @ 190°C/5 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 Teton® 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.

