



# DuPont Teijin Films™

## MELINEX® 542

### Product Description

Melinex® 542 is a slightly hazy film with an adhesion promoting pretreatment on both sides.

### General Product Info

The pretreatment enables numerous solvent and UV inks and lacquers to be coated with excellent adhesion. The film is tear resistant, has excellent handling characteristics and also good dimensional stability when exposed to variations in temperature and humidity.

### Typical Applications

This film was primarily developed for use in the Reprographics industry.

### Typical Properties

Available Thickness [Gauge]
142; 200; 300; 400; 500

Property	Thickness	Value	Units	Test
<b>OPTICAL</b>				
Haze	142	9.0	%	ASTM D1003-77 (Gardner Hazemeter)
Haze	200	13.0	%	ASTM D1003-77 (Gardner Hazemeter)
Haze	300	14.0	%	ASTM D1003-77 (Gardner Hazemeter)
Haze	400	23.0	%	ASTM D1003-77 (Gardner Hazemeter)
Haze	500	26.0	%	ASTM D1003-77 (Gardner Hazemeter)
<b>PHYSICAL</b>				
Tensile Strength MD (break)	ALL	28,000	psi	ASTM D882
Tensile Strength TD (break)	ALL	37,000	psi	ASTM D882
<b>THERMAL</b>				
Shrinkage MD (190°C)	ALL	2.5	%	Unrestrained @ 190°C for 5 min
Shrinkage TD (190°C)	ALL	0.5	%	Unrestrained @ 190°C for 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.

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