



DuPont Teijin Films™

MELINEX® STCH24UV

Product Description

MELINEX® STCH24UV is a UV and heat stabilized high clarity polyester film with good handleability and high visible light transmission. It also blocks UV transmission below 375 nm. The film is pretreated on both sides of the film surfaces for adhesion.

Typical Properties

Available Thickness [Gauge]
500

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	500	< 1	%	ASTM D1003
Optical Density	500	1.1		McBeth TD904 Optical Densitometer with Wratten 18A UV filter
Total Light Transmission (TLT)	500	94	%	ASTM D1003
PHYSICAL				
Density	500	1.395	g/cc	ASTM D1505
Elongation at Break MD	500	170	%	ASTM D882A
Elongation at Break TD	500	100	%	ASTM D882A
Tensile Strength MD	500	27,500	psi	ASTM D882A
Tensile Strength TD	500	31,500	psi	ASTM D882A
Yield Strength MD 5%	500	14,500	psi	ASTM D882A
Yield Strength TD 5%	500	15,000	psi	ASTM D882A
THERMAL				
Shrinkage MD (150°C)	500	0.1	%	Unrestrained @150°C (302°F), 30 min
Shrinkage TD (150°C)	500	0	%	Unrestrained @150°C (302°F), 30 min

Contact Info

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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](#))

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