



# DuPont Teijin Films™

## MELINEX® 516

### Product Description

Melinex® 516 is a high clarity polyester film which is pretreated on both sides for slip to combine good handling properties with high clarity and brilliance.

### Typical Applications

Some typical uses include: layout base, post lamination, MTS, color proofing, labels, flexible circuits, archival sheeting, and printing plates.

### Approvals

**UL 94 VTM-2** - for 300 - 700 gauge (0.076 - 0.18mm)

**Library of Congress Specification** - This film meets the Library of Congress Specification Number 500-500-5/31/95 for use in archival storage.

### Typical Properties

#### Available Thickness [Gauge]

250; 265; 275; 300; 360; 370; 400; 460; 500; 600

Property	Thickness	Value	Units	Test
<b>OPTICAL</b>				
Total Light Transmission (TLT)	265	88.5	%	ASTM D1003
Total Light Transmission (TLT)	300	88.5	%	ASTM D1003
Total Light Transmission (TLT)	400	88.3	%	ASTM D1003
Total Light Transmission (TLT)	500	88.0	%	ASTM D1003
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B	0.45			ASTM D1894
Elongation at Break MD	180	%		ASTM D882A
Elongation at Break TD	120	%		ASTM D882A
Tensile Strength MD	28,000	psi		ASTM D882A
Tensile Strength TD	35,000	psi		ASTM D882A
Yield Strength MD	14,000	psi		ASTM D882A
Yield Strength TD	14,500	psi		ASTM D882A
<b>THERMAL</b>				
Shrinkage MD (190°C)	2.5	%		Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	1.0	%		Unrestrained @ 190°C/5 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.

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