

MELINEX® 516

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.

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
OPTICAL				
TLT	265	88.5	%	ASTM D1003
TLT	300	88.5	%	ASTM D1003
TLT	400	88.3	%	ASTM D1003
TLT	500	88.0	%	ASTM D1003
PHYSICAL				
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
THERMAL				
Shrinkage MD (190°C)		2.5	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)		1.0	%	Unrestrained @ 190°C/5 min

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