

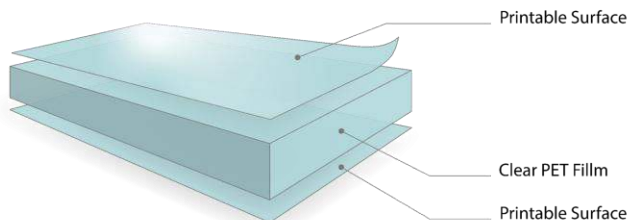
Product Description:

Melinex® 506 is a sparkling, optically clear polyester film, treated on both surfaces to promote excellent adhesion to most inks and coatings.

It is often used in the graphics industry where its excellent clarity and printing adhesion are utilised.

Key Features:

- Superb printability with a wide range of inks
- Brilliant clarity
- Extremely smooth surface gives better print definition
- Excellent thermal and dimensional stability and flatness



Storage

Recommended storage conditions: 10°C – 25°C; 20% – 50% RH
Shelf Life: 12 months from delivery date (under recommended storage conditions)

TYPICAL VALUES		MD = Machine Direction, TD = Transverse Direction					
Property	Test method	Unit	Direction	Typical values			
Film thickness	-	micron		75	100	125	175
Film yield	-	m ² /Kg		9.5	7.1	5.7	4.0
Unit weight	-	g/m ²		105	140	175	245
Density	ASTM D1505	g/cc		1.4			
Haze	ASTM D1003	%		0.4	0.5		
Total light transmittance (max)	ASTM D1003-77 (Gardner hazemeter)	%		87			
Tensile strength at break (minimum)	ASTM D882-80	Kgf/mm ²	MD	17.5			
			TD	17.5			
Elongation at break	ASTM D882-83	%	MD	125			
			TD	80			
Upper melt temperature	ASTM E794-85	°C		255 to 260			
Coefficient of thermal expansion (between 20 and 50°C)	-	cm/cm/°C	MD	19 x 10 ⁻⁶			
			TD	16 x 10 ⁻⁶			

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- Premium PET films.
- Europe's leading converter & distributor.



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Expert Technical Support to Help You Find the Right Polyester (PET) Film Solution

Our in-house specialists provide guidance on material selection, ensuring you get the best polyester film for your specific application and performance requirements.

Contact us for expert help



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