

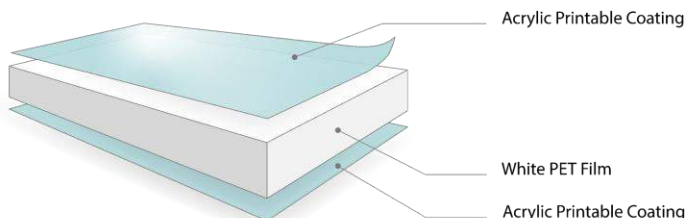
Product Description:

Melinex® 339 is a high opacity white polyester film with a glossy satin finish and a pre-treatment on both surfaces to promote adhesion to many printing inks and industrial coatings.

This product can be used as a base for pressure sensitive labels, security printing and pre-paid card, multiple use tickets and many other general printing applications.

Key Features:

- Superb printability with a wide range of inks
- Durable and long lasting
- 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		36	50	75	100	125	175	250	330
Film yield	-	m ² /Kg		19.6	14.1	9.4	7.1	5.7	4.1	2.8	2.1
Unit weight	-	g/m ²		51	71	106	140	175	245	355	481
Density	ASTM D1505	g/cc		1.39							
Total light transmittance (max)	ASTM D1003-77 (Gardner hazemeter)	%		25	17	13	8	6	4	2	1
Colour [D65 – 10]	ASTM E313-79	-		L* = 97.8, a* = 0.1, b* = 3.2							
Gloss	ASTM D2457-90 (Gardner 60°)	%		45							
Tensile strength at break (min)	ASTM D882-80	Kgf/mm ²	MD	14							
			TD	17							
Elongation at break	ASTM D882-80	%	MD	120							
			TD	120							
Coefficient of static friction (slip)	ASTM D1894-78	-		0.4							
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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HiFi Polyester Film UK

UK & Rest of World

Stevenage, United Kingdom
+44 (0) 1438 314 354
sales@hififilm.com



HiFi Polyester Film Netherland

Northern Europe

Zwaag Netherlands
+31 (0) 229 272 282
nlsales@hififilm.com



HiFi Polyester Film France

Southern Europe

BRUSSIEU, France
+33 (0) 437 226 098
lyonsales@hififilm.com



HiFi Polyester Film Ireland

Ireland

Ranelagh, Dublin
+353 (0) 87 257 3698
ray.faughnan@hififilm.com



www.hifipolyesterfilm.com

