

Product Description:

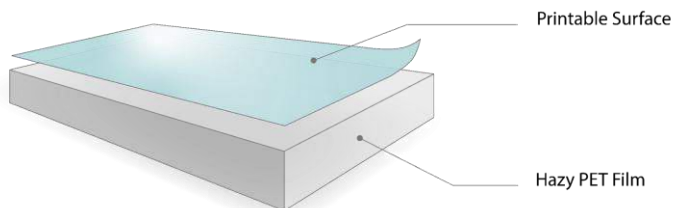
PMX176 is a slightly hazy polyester film, receiving a pre-treatment on 1 side, enhancing its adhesion properties to most coatings and industrial inks.

PMX176 is generally preferred where high quality printing is a must.

Typical ink systems used are vinyl and nitro-cellulose, although printing trials are recommended to confirm ink suitability.

Key Features:

- Superb printability with a wide range of inks
- Good clarity allows inks to shine through when reverse printed
- Excellent thermal and dimensional stability



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		12	23
Film yield	-	m ² /Kg		59.7	31
Unit weight	-	g/m ²		17	32
Density	ASTM D1505	g/cc		1.39	
Haze	ASTM D1003	%		4.5	7.5
Total light transmittance (max)	ASTM D1003-77 (Gardner hazemeter)	%		87.9	87.7
Tensile strength at break (minimum)	ASTM D882-80	Kgf/mm ²	MD	20	
			TD	26	
Elongation at break	ASTM D882-80	%	MD	125	
			TD	80	
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	

PMX176 complies with the following European regulations and directives: EU10/2011 and its amendment 1282/2011 relating to materials and articles intended to come into contact with food



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