

## Description

PETP050 is an ultra-clear polyester film that is chemically primed to provide enhanced adhesion for solvent based inks, coatings and adhesives. It combines high durability, optical clarity and balanced shrinkage for improved flatness after thermal processing.

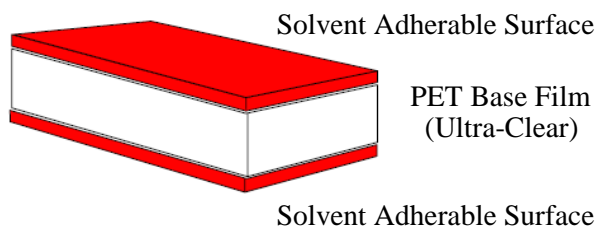
## Performance

PETP050 is designed for markets requiring glass-like clarity. The chemical primer provides the slip necessary to handle and wind an unfilled film. In addition, the chemical primer allows adhesion to solvent based coatings and inks. This product can be metallized, printed and coated, and performs well in a wide variety of enduses, such as labels, holographics, ID cards, printing plates, window films and reprographics.

## Benefits

- Two-side primed
- Adhesion promotion for solvent systems
- Excellent flatness
- Excellent color and clarity

## Schematic of PETP050



## Typical Properties of PETP050

The PETP050 property values below are typical measurements. Further guidance on series selection, functional behavior by end use, film processing, standard roll configuration and gauges is available through a Sales Representative. The following values are not binding specifications and may vary.

Property		Unit of Measure	Typical Value	Test Method
Area Yield		in <sup>2</sup> •mil/lb m <sup>2</sup> •µm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm <sup>2</sup>	27,000 1,900	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	150	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>	450,000 31,640	ASTM D 882
Coefficient of Friction (A/B)	Kinetic	--	0.45	ASTM D 1894
Shrinkage	MD	%	1.0	30 min. at 150°C
	TD		1.0	
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505
Total Haze*		%	142 ga. 0.35 200 " 0.45 300 " 0.50 400 " 0.55 500 " 0.65 700 " 1.0	ASTM D-1003