



## POLYESTER FILM 'PET'

Transparent Polyester film that is chemically primed to provide enhanced adhesion for solvent based inks, coatings and adhesives. This film combines high durability, optical clarity and balanced shrinkage for improved flatness after thermal processing. It can be metallized, printed and coated, and performs well in a wide variety of end uses, such as folding carton windows, lamination, sheet protectors, labels, holographic, ID cards, flexographic & gravure printing and reprographics.

Property	Units	Typical Values						Test Metho
Average Thickness	Um gauge	36	50	75	100	125	175	Zoi Films
Tensile Strength	MD	23.5	17.2	18-21	18-21	15.2-21	19-21	ASTM D882
	TD	24	21.4	20-23	20-23	19.6-23	21	
Elongation At Break	% MD	150	180	140-195	140-200	150-176	141-215	ASTM D882
	TD	120	135	100-116	100-118	100-150	131-140	
Heat Shrinkage	% MD	1.0	0.6- 1.0	0.5- 1.5	1.0- 1.5	0.5- 1.5	1.0- 1.2	ASTM D2305
	TD	0.2	0.6- 1.0	0.5- 1.0	0.35- 1.0	0.5- 1.0	0.1- 1.0	150 C, 30 mins
Coefficient Of Friction	Kinetic	0.40	0.28-0.45	0.27-0.45	0.30-0.45	0.38-0.45	0.40-0.45	ASTM D1894
Haze	%	0.9	0.40-0.7	0.58-1.2	0.66-1.5	0.66-1.5	0.85-2.4	ASTM D1003

\*MD = Machine Direction

\*TD = Transverse Direction

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