

Films for Electronics

Film Type	Thicknesses (micron)	Surface Pretreat	Feature and Applications
<i>Standard PET Films, for use where shrinkage is not critical.</i>			
Mylar® A	12-500	None	General purpose hazy film with excellent handleability
Melinex® OD	125-250	None	Brilliant clarity
Melinex® 401	50-100	1-side slip	Brilliant clarity with improved handleability
Melinex® 506	50-250	2-side adhesion	Brilliant clarity with excellent printability and ink adhesion
Melinex® 725	250	2-side adhesion	Brilliant clarity with excellent adhesion to solvent and UV cured graphic layer inks
Melinex® 726	125, 175	2-side adhesion	Brilliant clarity with superb adhesion to a wide range of circuitry inks
Melinex® 329	50-350	None	White film with high opacity
Melinex® 339	50-330	2-side adhesion	White film with high opacity and excellent printability
<i>PET Films with lower shrinkage, for improved performance over standard films</i>			
Mylar® ADS	36-125	None	Lower shrinkage version of Mylar® A, particularly suitable for use in copper laminates for FPC/FFC applications, and also some MTS circuitry applications.
<i>Fully heat stabilised films with very low shrinkage, where ultimate PET film performance is required</i>			
Melinex® ST507™ film	125	None	Hazy film with excellent handleability, particularly suitable for FPC copper laminates and for MTS circuitry applications
Melinex® ST504™ film	125 & 175	1-side adhesion	Brilliant clarity with adhesion pretreat on one side, developed for ITO sputtering applications in advanced display markets
Melinex® ST506™ film	125-250	2-side adhesion	Brilliant clarity with excellent printability and ink adhesion suitable for MTS graphics and circuitry applications
Melinex® ST725™ film	250	2-side adhesion	Brilliant clarity with excellent adhesion to a solvent and UV-cured graphics layer inks
Melinex® ST726™ film	125, 175	2-side adhesion	Brilliant clarity with superb adhesion to a wide range of circuitry inks
Melinex® ST535™ film	125, 250	2-side adhesion	White film with high opacity and excellent printability
Other development PET film grades are available to meet specific application needs. Please enquire for further details			
<i>Specialised PEN films for more demanding applications</i>			
Teonex® Q51	12-250	None	General purpose PEN film with excellent handleability
Teonex® Q83	25-125	None	Heat stabilised PEN film with a very low shrinkage up to 230°C. Designed for FPC applications requiring soldering
Teonex® Q65F	100, 125, 200	1-side adhesion	Brilliantly clear PEN film with adhesion pretreat on one side. Under development for sputtering applications in advanced display markets
Teonex® Q65FA	100, 125, 200	1-side adhesion	Brilliantly clear heat stabilised PEN with a very low shrinkage up to 230°C. Under development for sputtering applications in advanced display markets.
Other development PEN grades are available to meet specific application needs. Please enquire for further details			

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