

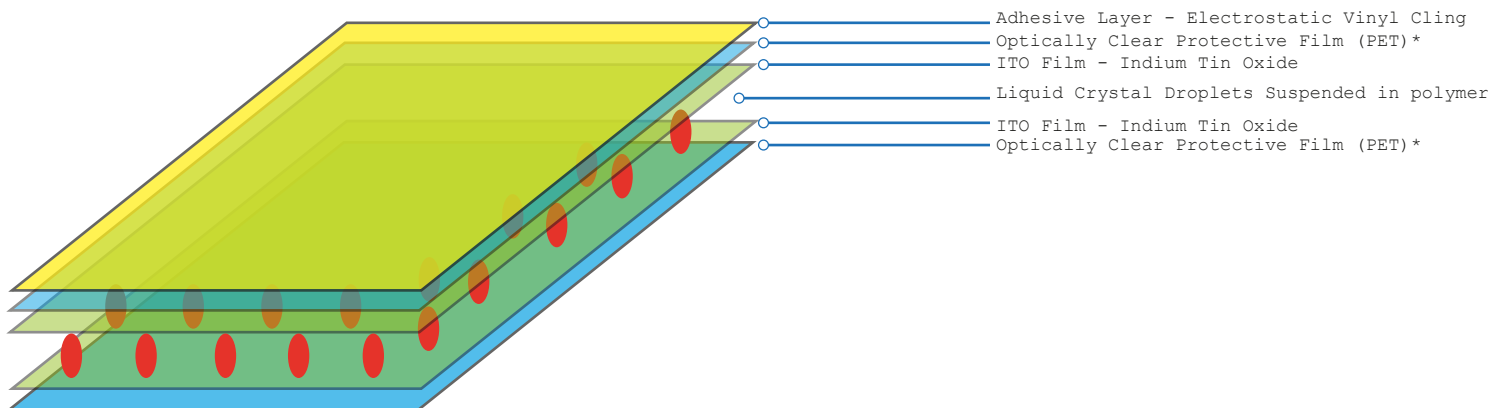
Item	Measuring Article	Test Condition	Unit	Value	
Thickness	Film Thickness	Micrometer	mm	Standard Film 0.5mm +/- 10%	
				Self Adhesive Film 0.7mm +/- 10%	
Optical Character	On	Transmittance	Spectro Photometer	78	
		Haze		5	
	Off	Transmittance		7	
		Haze		78	
UV Filtering	Self Adhesive Film	Within 1 Year		99%	
Dimensional Stability	Heat Shrinkage	MD	100°C x 30min	%	0.5
		TD			0.5

Technical Specifications

ITO film - 350 microns
 LC polymer coating - 100 microns
 Protective coatings - 75 microns
 Self adhesive layer - 45 microns
 Power - 110v
 Frequency - 50-60 Hz
 Electrical current - 0.1 amperes per square metre
 Power consumption - 7 watts per square metre
 Switching - less than 1 second
 Operation mode - On (transparent) / Off (opaque)
 Light transmittance - On (75%) / Off (67%)

Test Procedures

Tested over 3 million switches
 High temperature - >70°C (14 days)
 High temperature / humidity - >50°C / 95% RH (14 days)
 Cold temperature - minus 20°C (14 days)



*PET = Polyethylene Terephthalate

Intelligent Glass
 Unit 5
 Shortwood Business Park
 Hoyland
 Barnsley
 S74 9LH

T: +44 (0)1226 351 759
F: +44 (0)1226 745 089
E: sales@intelligentglass.co.uk
W: www.intelligentglass.net

© Copyright Pro Display 2004