



### Polyester Film with Adhesive Backing

- High tear strength, clear, adhesive backed Polyester film
- Permanent electrostatic dissipative coating
- Complies with EN 61340-5-1
- Humidity independent
- Very low tribocharge generation and excellent electrostatic decay performance
- High clarity, good chemical and abrasion resistance
- Ideal for PCB manufacturing and testing
- Suitable for clean manufacturing applications (retrofitting cleanroom windows etc..)
- Can be used as transparencies for copies
- Thickness: 0,1mm

### Typical Physical Properties

Property	Test Method	Units	(100 microns)
<b>Mechanical</b>			
Tensile Strength	ASTM D-882A		
MD		PSI	25.000
TD		PSI	35.000
Yield Strength	ASTM D-882A		
MD		PSI	14.000
TD		PSI	14.000
Elongation at Break	ASTM D-882A		
MD		%	200
TD		%	120
Pencil Hardness	ASTM D-3363	Hardness Scale	3H
<b>Optical</b>			
Transmittance - total Visible		%	85
Transmittance - total UV		%	10
Haze		%	7.3

MD = Machine Direction  
TD = Transversal Direction

### Electrical properties

	Test standard	Typical value	Requirements
Surface resistance $R_s$	EN 61340-2-3	$10^6 - 10^8 \Omega$	$1 \times 10^4 \leq R_p \leq 1 \times 10^{10} \Omega$ EN 61340-5-1
Point to point resistance $R_p$			

### Chemical Resistance

The samples were immersed in the specified chemicals for 24 hours at room temperature and then visually examined.

Chemical	Surface Attack	Visual Evaluation
Deionized Water	None	Clear
30% Sulphuric Acid	None	Clear
30% Nitric Acid	None	Clear
30% HCL	None	Clear
Methanol	None	Clear
Ethanol	None	Clear
Isopropyl Alcohol	None	Clear
Acetone	None	Slight Change
Methylene Chloride	None	Clear