

## **M100-AP™**



### **Description**

A clear, anti-static, heat activatable Cover Tape, for use with carrier tapes made of Polycarbonate and Polystyrene. **M100-AP™** is designed to adhere at various temperatures and dwell times within industry standards. For stronger adhesion, use a combination of higher temperature, longer dwell time and/or increased pressure.

### **Dimensions**

**M100-AP™** Cover Tape is wound on a 3" plastic core in all standard widths. Splice free rolls are available in 300 meter lengths. Custom widths are available upon request.

### **Storage**

Store at controlled room temperature 19° C to 40° C (66° F to 104° F).  
Relative Humidity 50 ± 30%. Best if used within 24 months. Avoid excessive heat.



### Recommended Sealing Conditions

Temperature Range ..... 130° - 210° C  
 Dwell Time ..... 0.1 - 1.0 seconds  
 Shoe Width ..... 0.015 - 0.020 inches  
 Pressure ..... 30 psi

Properties	Value	Test method
Surface Resistivity	<10E12 ≥ 10E5 Ohms/square (Both sides)	ASTM D-257
Tribo - Electric charge generation, adhesive tape pull test Static Decay 5kv	Less than 50 volts Less than .1 seconds	EIA - 541 Mil B-81705
<b>Clarity</b> Luminous Transmittance Haze Clarity	93 % 27 % 72 %	ASTM D1003
<b>Strength</b> Tensile Strength MD Elongation at Break MD	11,000 psi 120-140 %	ASTM D882A ASTM D882A
<b>Peel</b>	Completely Adjustable - Depending on Temperature	EIA 481B