



# Microseal Industries Inc.

## M100-21™ *COVER TAPE*



### **Description**

A clear, tinted, anti-static, heat activatable Cover Tape, for use with carrier tapes made of Polystyrene.

**M100-21™** 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**

**M100-21™** Cover Tape is wound on a 3" plastic core in all standard widths. Splice free rolls are available in 300 meter lengths. Custom widths and lengths 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.

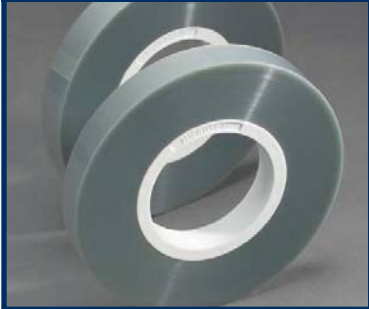
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For additional information  
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**COVERTAPE.COM**



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## M100-21™ COVER TAPE



### Recommended Sealing Conditions

Temperature Range..... 165° - 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	<math>10^{12}> \ge 10^5</math> 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>	50 gms $\pm$ 20	EIA 481B

Part Number	Width
M10021054	5.4mm +/-0.10
M10021092	9.2mm +/-0.10
M10021133	13.3mm +/-0.10
M10021210	21.0mm +/-0.10
M10021213	21.3mm +/-0.10

Part Number	Width
M10021255	25.5mm +/-0.10
M10021375	37.5mm +/-0.10
M10021495	49.5mm +/-0.10
M10021655	65.5mm +/-0.15
M10021815	81.5mm +/-0.20

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