



Microseal Industries Inc.

M100™ *COVER TAPE*



Description

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

M100™ 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™ 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.

610 E. 36 Street, P.O Box 3054
Paterson, NJ 07509-3054
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For additional information
please visit us at:
COVERTAPE.COM



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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	$10^{12}> \geq 10^5$ 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
Clarity Luminous Transmittance Haze Clarity	93 % 27 % 72 %	ASTM D1003
Strength Tensile Strength MD Elongation at Break MD	11,000 psi 120 -140%	ASTM D882A ASTM D882A
Peel	50 gms \pm 20	EIA 481B

Part Number	Width
M1000054	5.4mm +/-0.10
M1000092	9.2mm +/-0.10
M1000133	13.3mm +/-0.10
M1000210	21.0mm +/-0.10
M1000213	21.3mm +/-0.10

Part Number	Width
M1000255	25.5mm +/-0.10
M1000375	37.5mm +/-0.10
M1000495	49.5mm +/-0.10
M1000655	65.5mm +/-0.15
M1000815	81.5mm +/-0.20

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