



Microseal Industries Inc.

M100-10™ *COVER TAPE*



Description

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

M100-10™ 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.

Construction

Overall Thickness .00200" +/- .0001".

.001" Polyester Film (Polyethylene Terephthalate). .001" Heat Activatable Adhesive

Dimensions

M100-10™ 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
Paterson, NJ 07513
Phone: 973.523.0704
Fax: 973.523.2085
Email: info@covertape.com

For additional information
please visit us at:
COVERTAPE.COM



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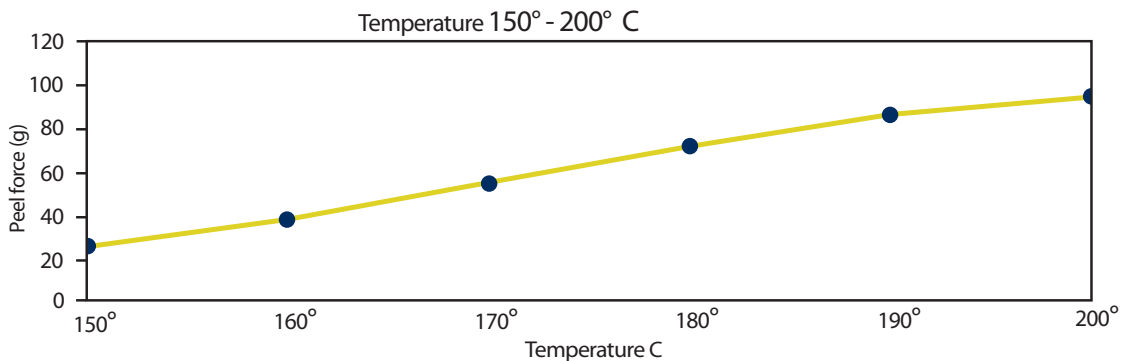


Recommended Sealing Conditions

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	Less than 1×10^{11} 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	>90 % 15 %	ASTM D1003 ASTM D1003
Strength Tensile Strength MD Elongation at Break MD	10,000 psi 120%	ASTM D882A ASTM D882A
Peel (Range)	50 gms \pm 30	EIA 481B

Sealing Profile



Equipment: Systemation MT-30

Conditions: 30 PSI

Carrier Type: Polystyrene

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