



MICROSEAL M100-28 COVER TAPE DATA SHEET

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

Microseal Cover Tape 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 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 on request.

Storage Store tape 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.

Properties	Value	Test Method
Surface Resistivity	Less than 1×10^{12} Ohms/square, both sides	ASTM D-257
Tribo - Electric charge generation, adhesive tape pull test.	Less Than 50 volts	EIA -541
Static Decay 5kv	Less than .1 seconds	Mil B-81705
Clarity		
Luminous Transmittance	93 %	ASTM D1003
Haze	27 %	ASTM D1003
Clarity	72 %	ASTM D1003
Strength		
Tensile Strength MD	11,000 psi	ASTM D882A
Elongation at Break MD	120 – 140%	ASTM D882A
Peel	50 gms ± 20 (see below)	EIA 481B

Recommended Sealing Conditions

Temperature Range..... 165° - 210° C
Sealing time..... 0.1 - 1.0 seconds
Shoe width..... 0.015 - 0.020 inches
Pressure..... 30 psi

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