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# TECHNICAL DATA SHEET

## KEAPAK™ KP-100 HEAT ACTIVATED COVER TAPE

### FOR POLYSTYRENE CARRIER TAPE

**Description:** A clear economical heat activated static dissipative Cover Tape.  
**KEAPAK™** KP-100 Cover Tapes are designed to adhere at various temperatures and dwell times to carrier tapes made of polystyrene.

**Dimensions:** **KEAPAK™** KP-100 Cover tape is wound onto 3" ID cores, 300 meters in length, and is available in the following widths (denoted in mm): 5.4, 9.2, 13.3, 21.0, 21.3, 25.5, 37.5, 49.5, 65.5 and 81.5. Slitting tolerance for all widths is +/- 0.1 mm. Custom widths and lengths are available upon request.

### Recommended Sealing Conditions:

Temperature:	160° - 210° C
Sealing Time:	0.1 – 1.0 seconds
Shoe Width:	0.015 – 0.020 inches
Pressure:	30 psi

(For stronger adhesion, use a combination of higher temperature; longer dwell time and/or increased pressure.)

**Shelf Life:** Best if used within 18 months

**Storage:** Store at 70° F +/- 30° (21° +/- 17°), RH 50% +/- 30%

<u>Properties</u>	<u>Value</u>	<u>Test Method</u>
Surface Resistivity:	<1 x 10 <sup>11</sup> Ohms/square(both sides)	ASTM D-257
Tensile Strength MD:	11,000 psi	ASTM D822A
Elongation at Break MD:	120%	ASTM D882A
Haze:	27%	ASTM D1003
Light Transmission:	>90%	ASTM D1003
Clarity:	72%	ASTM D1003
Tribo-Electric charge:	< 50 volts	EIA-541
Adhesive tape peel test:		
Static Decay 5K volts:	< .1 seconds	Mil B-81705

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