

C-PAK TYPE BC-1050(L) CONDUCTIVE EMBOSSED CARRIER TAPE

C-PAK TYPE BC-1050 CONDUCTIVE CARRIER TAPE UTILISES SPECIALLY FORMULATED **MODIFIED STYRENIC ALLOY** MATERIAL GIVING LOW AND STABLE SURFACE RESISTIVITY AND CONSISTENT SEALING STRENGTH WITH ITS SMOOTH AND FLAT FLANGE SURFACE.

EMBOSSING OF CARRIER TAPE IS DONE ON HIGH END MACHINES AND WITH C-PAK'S ESPECIALLY DEVELOPED PROCESSES TO ENSURE PRECISE DIMENSIONS AND WELL DEFINED POCKETS SUITABLE FOR HIGH-SPEED AUTOMATED TAPING AND SURFACE MOUNT EQUIPMENT.

GENERAL PROPERTIES* (TYPICAL VALUE ONLY)

		<u>METHOD</u>	<u>VALUE</u>
SPECIFIC GRAVITY		JIS-K-6911	1.06
TENSILE STRENGTH	MD	JIS-K-6734	4.0 kg/mm ²
	TD		3.5 kg/mm ²
ELONGATION	MD	JIS-K-6734	49 %
	TD		35 %
SURFACE RESISTIVITY		JIS-K-6991	10E5 ohms/ sq
DUPONT IMPACT(1/4"R)		DUPONT METHOD	4.8 kg.cm
FLEXURAL STRENGTH		JIS-K-7203	700kgf/cm ²
SOFTENING TEMPERATURE		JIS-K-7206	111°C

***APPLICABLE ON RAW MATERIAL**

Notes:

- 1. Surface Resistivity of formed tape :** Surface Resistivity tests are conducted at 23°C, 50% RH under controlled conditions. Surface resistivity is measured on top of the pocket of carrier tape by using the defined test method and the equipment used is Monroe 262A. Specification tolerance of formed tape is $\leq 10^9$ ohms per square.
- 2. Aging test :** Tested without component and without cover tape at 60°C/80% RH for 1000 hrs without problem.
- 3. Carrier tape shelf life**
 It is recommended to be used within 5 years from the date of manufacture. It should be stored indoors with its original packing in a climate environment typically at temperature 45°C or lower. The product must be protected from exposure to direct sunlight.