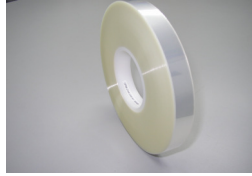


**C-PAK TYPE CP58 PSA COVER TAPE**

**C-PAK TYPE CP58** PSA pressure-sensitive adhesive cover tape is transparent with antistatic coating on the bottom. Its self-adhesion seals for different materials of carrier tape. Heat is not required and temperature control is not necessary.

**CONSTRUCTION**

Polyester film / Pressure-Sensitive Adhesive / Antistatic polyester film ( Bottom Side )

**Features:**

- High transparency ----- Facilitate easy visual inspection.
- Adhesive type ----- The tape can be removed & attached repeatedly to replace defective chips.

**GENERAL PROPERTIES\* ( Typical value )**

	<u>METHOD</u>	<u>VALUE</u>
Tensile Strength	ASTM D-882	9.7kg/ mm <sup>2</sup>
Elongation	ASTM D-882	>120%
Luminous Transmittance	ASTM D-1003	>80 %
Haze	ASTM D-1003	<9 %
Electrical Properties	ASTM D-257	
Surface Resistance	Top Side Bottom Side	10 <sup>13</sup> Ohms (Non-Static dissipative) 10 <sup>10</sup> Ohms
Surface Resistivity	Top Side Bottom Side	10 <sup>14</sup> Ohms/sq (Non-Static dissipative) 10 <sup>11</sup> Ohms /sq
Peel Strength Limit		Refer to table below
Base Material		POLYESTER
Thickness		0.050 mm
Color (Slight variations which do not affect product performance are normal)		Natural

\* The values presented are typical laboratory data and maybe changed without notice.

### Available Widths and Peel Strength Limit

Carrier tape Width ( per EIA 481)	8	12	16	24	32	44	56	72	88
Cover tape Width	5.3	9.3	13.3	21.3	25.5, 26.3	37.5	49.5	65.5	81.3
Adhesive Width	0.7	1.0	1.0	1.15	1.15	1.65	1.65	1.65	2.5
Length (Meters)	250	500	500	500	500	500	500	250	250
Peel Strength Limit (g)	10-80	20-80				30-100			

### Standard Roll

CP58 is wound on a 3” plastic core in all standard widths.

### Shelf Life

Best if used within 24 months. Store at controlled room temperature environment,  $25 \pm 3^{\circ}\text{C}$  and relative humidity of  $60 \pm 20\%$  in its original packing. Please avoid direct sunlight and use on “First in –First out ” basis.

### Standard Packing:

Cover tape is packed with HDPE Film wafer inserts and a centering core in a clear plastic bag and placed between two end-caps in a carton box.

### Test Notes:

1. Surface Resistance / Resistivity is measured at  $23 \pm 3^{\circ}\text{C}$ ,  $50 \pm 10\%$  RH.

Adhesive resistance specifications:  $1\text{E}+4$  to  $9.9\text{E}+10$  ohms (  $1 \times 10^4$  to  $9.9 \times 10^{10}$  Ohms)

Adhesive resistivity specifications:  $1\text{E}+5$  to  $9.9\text{E}+11$  ohms/sq (  $1 \times 10^5$  to  $9.9 \times 10^{11}$  Ohms/sq)

Equipment used for measurement: Monroe Model 272 or 262 Resistance/Resistivity Meter

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