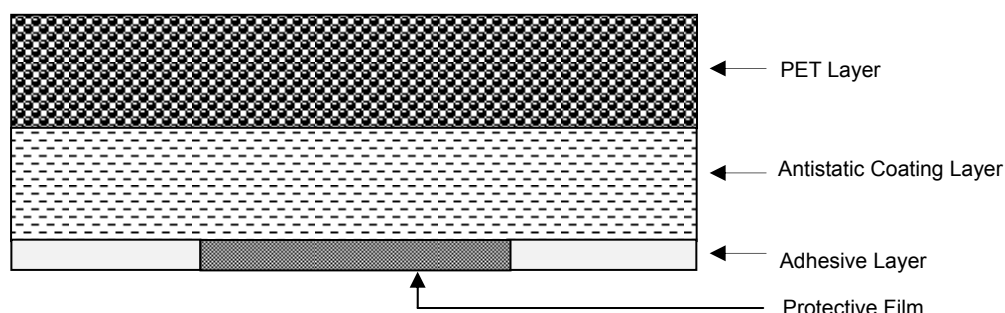


TECHNICAL DATA SHEET, CPA-100 SERIES

1. INTRODUCTION

The Pressure Sensitive Activated Cover Tape is manufactured using Antistatic Polyethylene Terephthalate Film and other proprietary adhesive materials. The components for its anti-static properties is from high polymers that eliminates the use of metallic elements. The seal strength between Pressure Sensitive Activated Cover Tape and Carrier Tape remains consistent even after a long term and challenging storage conditions, and CPA-100 series is designed for all Carrier Tape materials such as PP, PS, PET and PC sheets.

2. COVER TAPE STRUCTURE



3. MATERIAL PROPERTY

PROPERTIES	ASTM METHODS	UNIT	VALUES
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PERMANANCE

THICKNESS	Micro Gauge	um	50
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MECHANICAL

TENSILE STRENGTH	D638	kg/cm ²	700
TENSILE ELONGATION	D638	%	50
HAZENESS	D1003	%	<15

ELECTRICAL

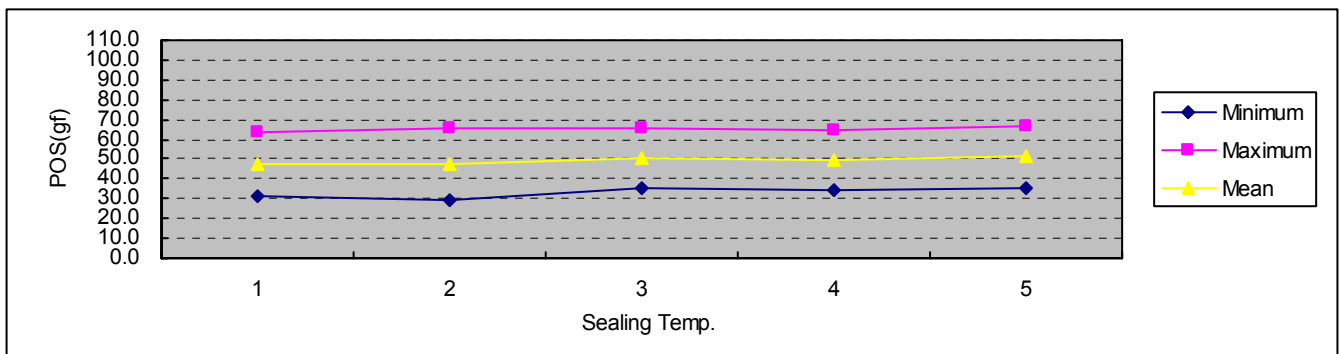
SURFACE RESISTIVITY (@23°C/60% RH)	D257	10EΩ/sq	10E8~10E11
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TECHNICAL DATA SHEET, CPA-100 SERIES

4. P.O.S RESPONSE TREND BY TEMPERATURE AND PRESSUER

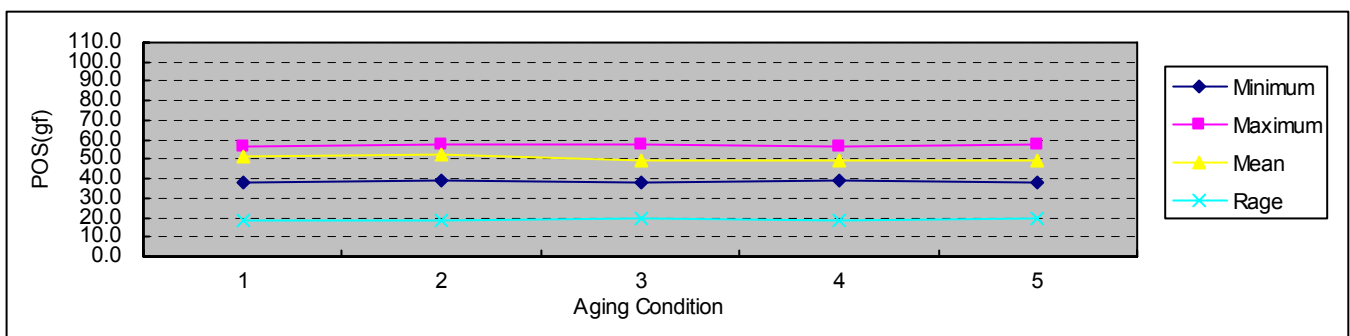
Test Condition	
Taping Machine : Systemation MT-30	P.O.S Machine : Systemation TP-150
Seal Pressure : 40 PSI	Seal blade : 18 mils
Test Length : Each strip 12 inches	

Tape Size	Sealing Pressure (PSI)	Sealing Temp. (°C) Values	P.O.S				
			1	2	3	4	5
24mm	40	Minimum	31.0	29.0	35.0	34.0	35.0
		Maximum	64.0	66.0	66.0	65.0	67.0
		Mean	47.0	47.0	50.0	49.0	51.0
		Range	33.0	37.0	31.0	31.0	32.0



5. AGING TEST PERFORMANCE @ ROOM TEMPERATURE

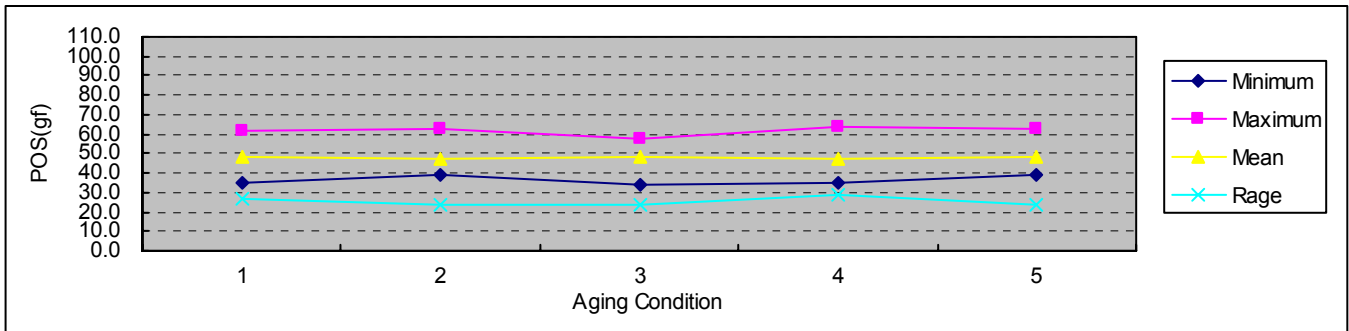
Tape Size	Sealing Pressure (PSI)	Aging Condition Values	P.O.S				
			1	2	3	4	5
			120 Hrs. (@25°C /Ambient)	120 Hrs. (@25°C /Ambient)	120 Hrs. (@25°C /95%)	120 Hrs. (@25°C /Ambient)	120 Hrs. (@25°C /Ambient)
16mm	40	Minimum	38.0	39.0	38.0	39.0	38.0
		Maximum	57.0	58.0	58.0	57.0	58.0
		Mean	51.2	52.3	49.2	49.6	49.6
		Range	19.0	19.0	20.0	18.0	20.0



TECHNICAL DATA SHEET, CPA-100 SERIES

6. AGING TEST PERFORMANCE @ 60 °C

Tape Size	Sealing Pressure (PSI)	Aging Condition Values	P.O.S				
			1	2	3	4	5
			120 Hrs (@60 °C /Ambient)	120 Hrs. (@60 °C /Ambient)	120 Hrs. (@60 °C /95%)	120 Hrs. (@60 °C /Ambient)	120 Hrs. (@60 °C /Ambient)
16mm	40	Minimum	35.0	39.0	34.0	35.0	39.0
		Maximum	62.0	63.0	58.0	64.0	63.0
		Mean	48.5	47.2	48.0	47.6	48.1
		Range	27.0	24.0	24.0	29.0	24.0



7. SHELF LIFE AND STORAGE CONDITIONS

PSA Cover Tape has a shelf life of 1 years from the date of manufacture. The cover tape, however, has to be kept at recommended storage condition.

CHEMINIX recommends storing the product at an environment where temperature is between 20 to 40 °C and relative humidity under 60%. It is best for the product to be kept in it's unopened container and to be opened only when ready to use. It must be prevent to direct sunshine.