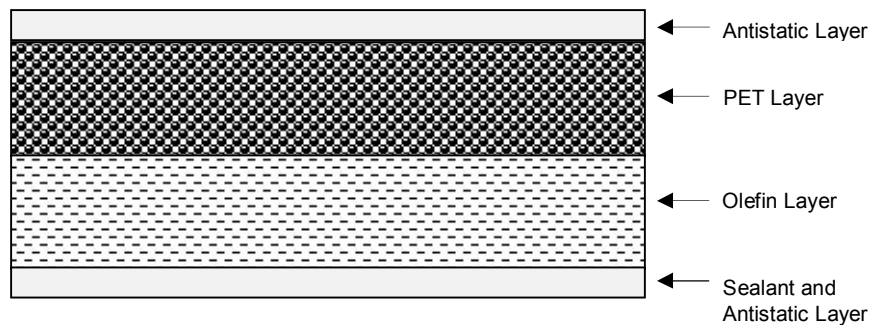
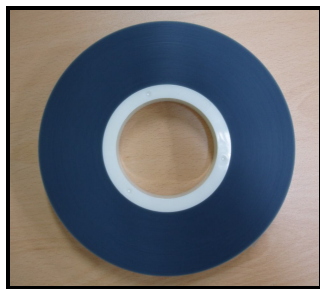


TECHNICAL DATA SHEET, AHA-C800 SERIES

1. INTRODUCTION

The Seal-Pack Heat Seal Activated Cover Tape is manufactured using Antistatic Polyethylene Terephthalate Film and other proprietary adhesive materials. The components for its anti-static properties are from high polymers that eliminate the use of metallic elements. The seal strength between Seal-Pack Cover Tape and Carrier Tape remains consistent even after a long term and challenging storage conditions, and AHA-C800 series is designed for all Carrier Tape materials such as PS, PET and PC sheets.

2. COVER TAPE STRUCTURE



3. MATERIAL PROPERTY

PROPERTIES	ASTM METHODS	UNIT	VALUES
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PERMANENCE

THICKNESS	Micro Gauge	um	55 +/- 5
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MECHANICAL

TENSILE STRENGTH	D638	Kgf/cm ²	650 +/- 50
TENSILE ELONGATION	D638	%	75 +/- 5
TEAR STRENGTH	D1004	Kgf/cm	100 Min
LUMINOUS TRANSMITTANCE	D1003	%	90 +/- 5
HAZENESS	D1003	%	10 +/- 2

ELECTRICAL

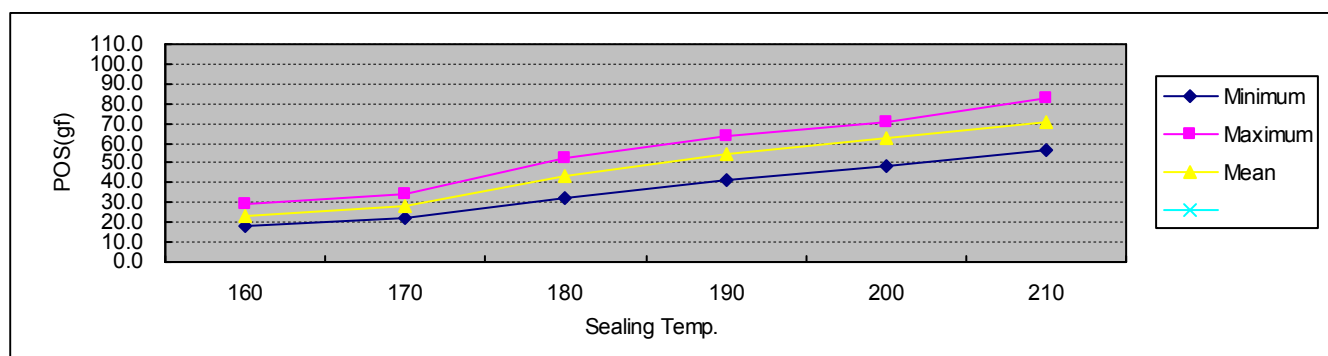
SURFACE RESISTIVITY (@23°C/50% RH)	D257	10EΩ/sq	10E8~10E11
TRIBO-ELECTRIC CHARGE	CMX Method-	V	< 100
STATIC DECAY TIME	MIL-B-81705C	sec.	< 2

TECHNICAL DATA SHEET, AHA-C800 SERIES

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

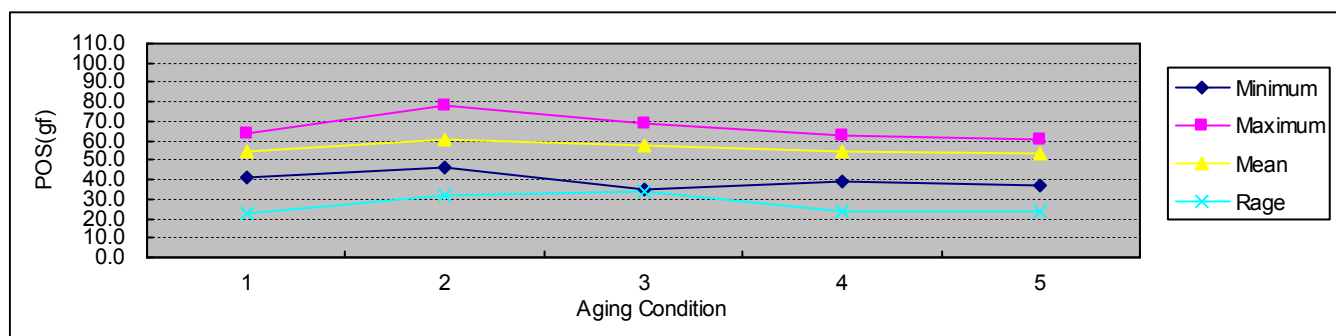
Test Condition	
Environment : Normal production environment	Test Vehicle : 16mm conductive PS carrier Tape
P.O.S Testing Machine : Systemation TP150	Sealing Machine : Systemation MT30
Test Strip Length : 12 in.	Seal Shoe Width : 18 mils
Machine Setting : Speed : 300mm/min	
Sealing Mode : Stamping	
Sealing Pressure : 40 PSI	
Sealing Time : 200 msec	

Tape Size	Sealing Pressure (PSI)	Sealing Temp. (°C) Values	P.O.S					
			160	170	180	190	200	210
16mm	40	Minimum	18.0	22.0	32.0	41.0	48.0	57.0
		Maximum	29.0	34.0	52.0	64.0	71.0	83.0
		Mean	23.0	28.0	43.0	55.0	63.0	71.0
		Range	11.0	12.0	20.0	23.0	23.0	26.0



5. AGING TEST PERFORMANCE

Tape Size	Sealing Temp	Aging Condition Values	P.O.S				
			1	2	3	4	5
			0 Hrs (@Ambient /Ambient)	500 Hrs. (@60°C /Dry)	500 Hrs. (@40°C /95%)	500 Hrs. (@25°C /Ambient)	16 Hrs. (@-15°C /Ambient)
16mm	190	Minimum	41.0	46.0	35.0	39.0	37.0
		Maximum	64.0	78.0	69.0	63.0	61.0
		Mean	55.0	61.0	58.0	55.0	53.0
		Range	23.0	32.0	34.0	24.0	24.0



TECHNICAL DATA SHEET, AHA-C800 SERIES

6. SHELF LIFE AND STORAGE CONDITIONS

AHA-C800 Cover Tape has a shelf life of 2 years from the date of manufacture.

The cover tape, however, has to be kept at recommended storage condition.

Recommends storing the product at an environment where the 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 avoid direct sunlight

7. CLAIMS AND COMPENSATION

If our delivered reels are found to be out of the specifications, free replacement is our maximum responsibility.

AQP shall evaluate rejected material, investigate and report findings via a corrective action report

And replace material recognized as defective by both User and AQP.

The quantities of replacement shall be equivalent to the actual quantities of defected cover tapes.