



## Materials Datasheet

## Cover Tape Type 17 Heat Seal Adhesive

### PRODUCT DESCRIPTION

Reel Service Limited Type 17 Cover Tape provides good all round sealing characteristics for superior and consistent sealing.

This static dissipative base material offers users a tear resistant, strong cover tape which is easy to seal and compatible with our full range as well as other manufacturer's carrier tape materials.

### WARRANTY STATEMENT

All products come with a one year limited warranty.

### OTHER PRODUCTS AND SERVICES AVAILABLE

We offer a complete range of all materials necessary for tape and reel operations including: carrier tape materials, cover tapes, humidity indicator cards, moisture barrier bags, desiccant and other sundry semiconductor finishing materials. Also available from our company is a full subcontract Tape & Reel packaging and device programming service.

Please contact our customer service team for further information on our complete range of tape and reel products and services.

### Disclaimer:

The information provided is accurate to the best of the company's knowledge or is obtained by sources believed by the company to be accurate and does not imply any legally binding assurance. The Company reserves the right to introduce at any time improvement to the above product(s) without prior notice.

### SEALING TEMPERATURE AND PRESSURE

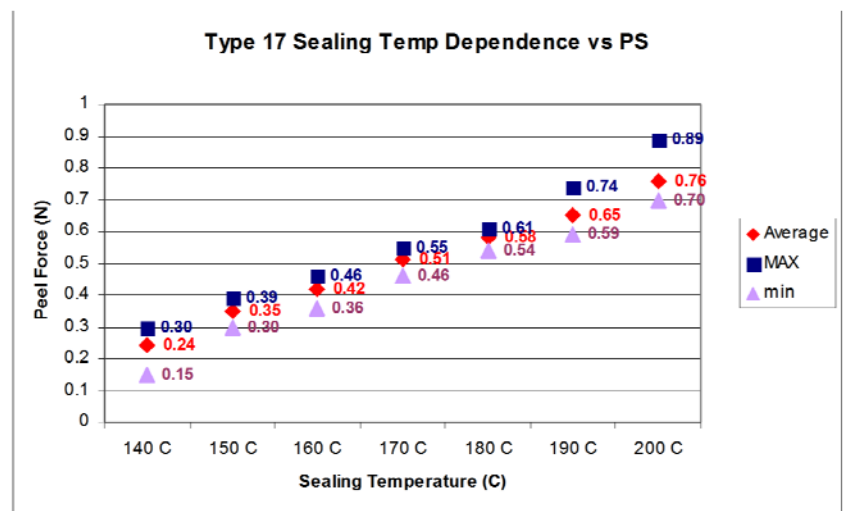
The recommended temperature and pressure range for sealing Type 17 cover tape is 160 – 180 degrees Celsius and 42 psi dependant upon carrier tape material. Further information is available through our Customer Service Department.

### STORAGE CONDITIONS

Recommended storage conditions for Type 17 cover tape includes storage indoors in original packaging away from direct sunlight and in a dust free environment. Type 17 cover tape should be stored within a temperature range of 18° to 35°C (64° to 95°F) and relative humidity levels between 35% - 65%.

### SHELF LIFE

Type 17 cover tape has a shelf life of 1 year when stored under recommended storage conditions.



<b>Material</b>	Cover Tape	:Type 17 (Width 13.5mm)
	Carrier Tape	:PS (Conductive Type: Width 16.0mm)
<b>Sealing Condition</b>	Equipment	:VANGUARD SYSTEMS VN-1100
	Pressure	:0.29Mpa      Time 0:40sec
	Seal Shoe	:Length: 18mm      Width : 0.5mm
<b>Peeling Conditions</b>	Equipment	:VANGUARD SYSTEMS VG – 20
	Peeling Speed	:300mm/min
*The date of this report is just an example of the measurement in our company and it is not the guaranteed value		

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PROPERTIES		
	Unit of Measure	Type 17
Tape Type		Heat Activated
Surface Resistivity	Ohm/square	Less than $1 \times 10^{10}$
Adhesive Layer		Polyethylene
Total Thickness	Micron	53
Width Tolerance	+/-mm	0.1
Colour		Transparent
Tensile Strength	MPa	64
Elongation	%	134
Tearing Strength	N/mm	150
Haze	%	31%
Luminous Transmittance	%	90
Internal Roll Diameter	Mm	76.2 -0/+1mm
External Roll Diameter	mm	218

SIZES AVAILABLE			
Tape Width Tolerance +/- 0.10mm	Metres Per Roll	Rolls per Pack	Ordering Ref
5.30mm	510	25	ST17H5351
9.20mm	510	15	ST17H9251
13.50mm	510	10	ST17H13551
21.00mm	510	6	ST17H2151
21.50mm	510	6	ST17H21551
25.50mm	510	5	ST17H25551
26.50mm	510	5	ST17H26551
38.00mm	510	3	ST17H3851
49.50mm	510	3	ST17H49551
65.50mm	510	2	ST17H65551

## CUSTOMER SERVICE

Our customer service and technical support teams can assist in all aspects of specifying and sourcing your entire in-house tape & reel material requirements including carrier tape, cover tape, reels & moisture protection products.

For further assistance, please contact our Customer Service Department at the email address below.