

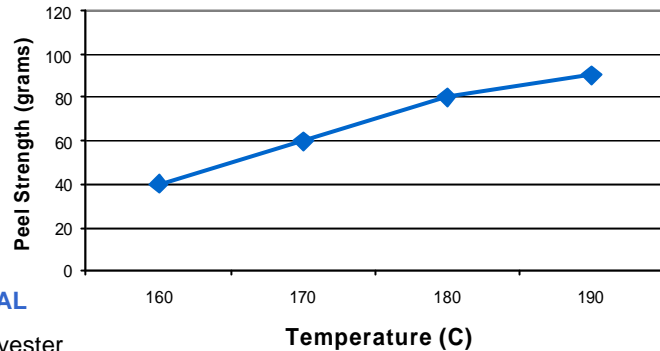
COVER TAPE TYPE 5.3 (TRANSPARENT)

PRODUCT DESCRIPTION

Advanced Integrated Materials Type 5.3 cover tape provides a strong, transparent material for high cover tape clarity. This offers users high accuracy capabilities for in-pocket automated inspection operations.

This advanced tear resistant antistatic cover tape also provides an excellent value and consistent peel strength measurements covering a wide range of carrier tape materials.

Typical Peel Strength (Mean)



BASE MATERIAL

Translucent Polyester

PROPERTIES		
Description	Unit of Measure	Type 5.3
Tape Type		Heat Activated
Surface Resistivity	Ohm/square	Less than 1×10^{12}
Adhesive Layer		Polyethylene
Total Thickness	Micron	53
Width Tolerance	+/-mm	0.1
Colour		Transparent
Tensile Strength	MPa	56
Elongation	%	134
Tearing Strength	N/mm	150
Haze	%	17
Luminous Transmittance	%	90
Internal Roll Diameter	mm	76.2 -0/+1mm
External Roll Diameter	mm	218

SEALING TEMPERATURE AND PRESSURE

The recommended temperature range for sealing Type 5.3 cover tape is 160 – 180 degrees Celsius dependent upon carrier tape material. This temperature range is based on a tape advance speed of 4.2 metres/minute and pressure of 15 – 30psi. Further information is available through our customer service departments.

STORAGE CONDITIONS

Recommended storage conditions for Type 5.3 cover tape include storage indoors in original packaging away from direct sunlight and in a dust free environment. Type 5.3 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 5.3 cover tape has a shelf life of 3 years when stored under recommended storage conditions.

SIZES AVAILABLE			
Tape Width Tolerance +/- 0.10mm	Metres per roll	Rolls per pack	Part Number
5.40mm	480	25	CT5.3-00540-0480
9.50mm	480	15	CT5.3-00950-0480
13.50mm	480	10	CT5.3-01350-0480
21.00mm	480	6	CT5.3-02100-0480
21.50mm	480	6	CT5.3-02150-0480
25.50mm	480	6	CT5.3-02550-0480
26.50mm	480	5	CT5.3-02650-0480
37.50mm*	480	4	CT5.3-03750-0480
38.00mm	480	4	CT5.3-03800-0480
49.50mm	480	3	CT5.3-04950-0480
65.50mm	480	2	CT5.3-06550-0480
81.50mm*	480	2	CT5.3-08150-0480
97.50mm*	480	1	CT5.3-09750-0480
113.50mm*	480	1	CT5.3-11350-0480

*These items are available by special order only.



Customer Service

Our customer service and technical support teams can assist in all aspects of specifying and sourcing your entire in-house taping requirements.

Our extensive open tooling database is utilised to search for available exact fit carrier tapes.

Advanced Integrated Materials design carrier tapes for all standard and non-standardised components and can assist in cover tape and KLIK REEL recommendations. Materials required for in-house tape & reel and finished goods operations are also supplied.

Please contact our customer service department at the address below.

Warranty Statement

All products come with a one year limited warranty.

Other Products and Services Available

In addition to our cover tapes, we offer a complete range of all materials necessary for tape and reel operations including: KLIK REELS, carrier 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 & Reel products and services.



Enquiries:

Tape & Reel - Carol Loftus cloftus@reelserviceltd.com
 Device Programming – Carol Loftus cloftus@reelserviceltd.com
 Materials Supply – Shirley Kinnear skinnear@reelserviceltd.com

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