



Technical Data Sheet

3M™ Impact Resistant Adhesive Transfer Tape 95005



[Regulatory Info/SDS](#)

Product Description

3M™ Impact Resistant Adhesive Transfer Tape 95005 is a black pressure sensitive adhesive used for bonding a wide range of materials in the electronics industry. This 50 um tapes provide superior impact resistance to meet industry drop test requirements and have high bond strength while providing good conformability and removability.

Product Features

- Engineered for impact resistance and vibration damping
- 50 micron (2 mil) tape helps consumer electronics keep a thin profile
- Black modified acrylic adhesive provides conformability and removability
- Double liner provides stability for die cutting

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Attribute Name	Value
Adhesive Thickness	0.05 mm (2 mil)
Primary Liner Type	Clear PET ¹
Liner Thickness	0.05 mm (1.97 mil)
Secondary Liner Type	Clear PET ¹
Primary Liner Thickness	0.05 mm (1.97 mil)
Secondary Liner Thickness	0.03 mm (1.18 mil)
Primary Liner Color	Clear

¹ Outer liner (paper) is the primary liner, Inner liner (Polypropylene) is secondary liner.

Typical Performance Characteristics

180° Peel Adhesion

Temperature: 22 °C (72 °F)

Test Method: ASTM D3330

Dwell Time	Substrate	Backing	Value
20 min	Stainless Steel	2 mil Aluminum Foil	5.5 N/cm (49.6 oz/in) ¹
72 h	Polycarbonate (PC)		9.5 N/cm (86.4 oz/in) ¹
72 h	Stainless Steel	2 mil Aluminum Foil	10 N/cm (91.2 oz/in) ¹

¹ 12 in/min (300 mm/min)

Handling/Application Information

Application Examples

Bonding various electronic components (e.g., display, battery, speaker, keyboard, trackpad, camera lens, antenna, FPC, etc.)

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 24 months from date of manufacture.

Recognition/Certification

TSCA:This product is defined as an article under the Toxic Substances Control Act and therefore, it is exempt from inventory listing requirements

MSDS:3M has not prepared a MSDS for this product which is not subjected to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R.1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, this product should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the directions for use may affect its performance and present potential health and safety hazards.

UL:These products have been recognized by Underwriters Laboratories, Inc. under UI 746C and UL 969. For more information on the UL Certification, please visit the website at <http://www.3M.com/converter>, select UL Recognized Materials, then select the specific product area.

Note:One of 3M's core values is to respect our social and physical environment. 3M is committed to comply with ever-changing, global, regulatory and consumer environmental, health, and safety (EHS) requirements. As a service to our customers, 3M is providing information on the regulatory status of many 3M products. Further regulation information including that for OSHA, USCPSCI, California Proposition 65, READY and RoHS, can be found at 3M.com/regs.

Automotive Disclaimer

Select Automotive Applications:

This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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