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English-EU

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Technical Data Sheet

3M™ Scotch® ATG Tape 928

Product Description

0.002 in. (0.05 mm) thick high-tack/low-tack double coated tape

Tape is reverse wound on 1-inch diameter cores for use in Scotch ATG dispensers.

General Information

• Tape 928 is a low-tack adhesive which allows removal from many papers, foils, and films without adhesive residue and will not cause delamination of most paper stocks. In many cases, the tape can be reused numerous times.
• Tape 928 will not bleed into most paper stocks which helps minimize possible discoloration or staining.
• Flexible materials will adhere better to tape 928 than will rigid materials (e.g., paper vs. cardboard). It may also be necessary to remove curl from certain materials to avoid having them pull away from the low-tack adhesive of tape 928 over a period of time.
• ATG tapes are a reverse wound version of standard 3M Adhesive Transfer and Double Coated tapes for use in the Scotch® ATG hand-held dispensers

Comparable 3M tape is 3M DC Tape 9416

Note: The user should carefully evaluate the product under actual use conditions to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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	Test Method	Value
Color		White
Adhesive Type		*400/1000
Adhesive Carrier		Tissue
Total Tape Thickness	ASTM D3652	0.05 mm
Liner		78# Polycoated Kraft Paper (PCK)
Liner Thickness		0.15 mm

Attribute Name	Value
*Note	*PCK = polycoated kraft Adhesive System 400 is a medium-firm acrylic pressure-sensitive adhesive system. It features an excellent balance of good initial adhesion (quick stick) and good shear holding power. Adhesive System 1000 is a low-tack, repositionable acrylic pressure-sensitive adhesive.

Typical Performance Characteristics

90° Peel Adhesion

Substrate: Stainless Steel
Temperature: 23 °C
Dwell Time: 72 h
Backing: 2 mil PET
Test Method: ASTM D3330

Value
low-tack side: 3 oz/in, high-tack side: 12 oz/in [1]
low-tack side: 0.33 N/cm, high-tack side: 1.3 N/cm [1]

[1] 304 mm/min (12 in/min)

Attribute Name	Value
Short Term Temperature Resistance	82 °C [1]
Long Term Temperature Resistance	66 °C [2]

[1] Short Term (minutes, hour)

[2] Long Term (day, weeks)

Typical Environmental Performance

Attribute Name	Value
Solvent Resistance	Fair
UV Resistance	Good

Handling/Application Information

Application Examples

Many repositionable, reusable, or reclosable uses such as:
• Reclosable bags or envelopes
• Core starting and end tabbing of papers, foils, and films
• Novelty items
• Removable stickers and labels
• Point of purchase displays
• Book inserts
• Mounting promotional items
• Removable/changeable advertisements
• Temporary hold for protective packaging materials, such as foam or cardboard, used during shipment of manufactured goods

Application Techniques

• Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improve bond strength.
• To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water (rubbing alcohol) or heptane. Note: Be sure to follow the manufacturer's precautions and directions for use when using solvents.
• Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

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.

Available Sizes

Attribute Name	Value
Available Width	12.7 and 19.1 mm
Core Size (ID)	25.4 mm
Normal Slitting Tolerance	± 0.8 mm
Note	Subject to Minimum Order Requirements
Standard Roll Length	16.5, 32.9 m

Recognition/Certification

MSDS:3M has not prepared a MSDS for these products which are not subject 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, these products should not present a health and safety hazard. However, use or processing of the products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards.

TSCA: These products are defined as articles under the Toxic Substances Control Act and therefore, are exempt from inventory listing requirements.

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

Precautionary Information: Refer to product label and Material Safety Data Sheet for health and safety information before using the product. For information, please contact your local 3M Office. You can click or scan QR code to see contact detail or visit www.3M.com Important Information: All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law. Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

ISO Statement

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

For Additional Information

To request additional product information or to arrange for sales assistance, please contact your local 3M office.

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