



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

Property	Values	Additional Information
Adhesive Type	*400/1000	
Adhesive Carrier	Tissue	
Liner	White Paper *PCK with Yellow Leader	
Liner Thickness	0.15 mm	
Color	White	
Total Tape Thickness	2 mil	

Total Tape Thickness 0.05 mm

Liner Print None

Liner Thickness 6 mil


*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

Property	Values	Additional Information
Short Term Temperature Resistance	180 °F	
Short Term Temperature Resistance	82 °C	
Long Term Temperature Resistance	66 °C	
Long Term Temperature Resistance	150 °F	
Solvent Resistance	Fair	
UV Resistance	Good	
90° Peel Adhesion Stainless Steel	low-tack side: 3 oz/in, high-tack side: 12 oz/in	View 

Test Method: ASTM D3330

Test Name: 90° Peel Adhesion
Dwell/Cure Time: 72.0
Dwell Time Units: hr
Temp C: 23C
Temp F: 72F
Environmental Condition: 50%RH
Substrate: Stainless Steel
Backing: 2 mil PET

Notes: 12 in/min (300 mm/min)

90° Peel Adhesion Stainless Steel

low-tack side: 0.33 N/cm, high-tack side: 1.3
N/cm

View 

Notes: 12 in/min (300 mm/min) ASTM D3330 72 hour dwell on Stainless Steel at 23°C (72°F) and 50% RH Backing: 2 mil Polyester

Available Sizes

Property	Values	Additional Information
Note	Subject to Minimum Order Requirements	
Standard Roll Length	16.5, 32.9 m	
Standard Roll Length	18, 36 yd	
Available Width	12.7 and 19.1 mm	
Available Width	1/2 and 3/4 in	
Normal Slitting Tolerance	± 0.8 mm	
Normal Slitting Tolerance	± 1/32 in	
Core Size (ID)	25.4 mm	
Core Size (ID)	1 in	

Storage and Shelf Life

24 months from date of manufacture when stored in original cartons at 70°F (21°C) and 50% relative humidity.

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.

Bottom Matter

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For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/bonding. Address correspondence to: 3M Engineered Adhesives Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

Automotive Disclaimer

Automotive Applications: This product is an industrial product and has not been designed or tested for use in certain automotive applications, including, but not limited to, automotive electric powertrain battery or high voltage applications. This product does not fully adhere to typical automotive design or quality system requirements, such as IATF 16949 or VDA 6.3. This product may not be manufactured in an IATF certified facility and may not meet a Ppk of 1.33 for all properties. The product may not undergo an automotive production part approval process (PPAP). Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's automotive application and for conducting incoming inspections before use of the product. Failure to do so may result in injury, death, and/or harm to property. No written or verbal statement, report, data or recommendation by 3M related to automotive use of the product shall have any force or effect unless in an agreement signed by the Technical Director of 3M's Automotive Division. Customer assumes all responsibility and risk if customer chooses to use this product in an automotive electric powertrain battery or high voltage application, and 3M will not be liable for any loss or damage arising from or related to the 3M product or customer's use of the product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity or recall costs), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability. In no event shall 3M be liable for any damages in excess of the purchase price paid for the product.

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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.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40070509/

Family Group

Link Tags:

- 924
- 926
- 928
- 969
- 976
- 987

Products	Adhesive Type	Liner	Liner Thickness	Color	Total Tape Thickness	Short Term Temperature Resistance	Long Term Temperature Resistance	Adhesive Carrier
976	*300	Tan Paper *DK with Red Plaid Leader	0.1 mm	Clear	0.05 mm	121 °C	150 °F	N/A
969	*300	Tan Paper *DK with Red Plaid Leader	0.13 mm	Clear	0.13 mm	121 °C	150 °F	N/A
987	*400 Acrylic	Tan Densified Kraft Paper with Clear Leader	0.09 mm	Clear	0.04 mm	121 °C	180 °F	N/A
924	*400	Tan Paper *DK with Red Plaid Leader	0.1 mm	Clear	0.05 mm	121 °C	180 °F	N/A
926	*350	Tan Paper *DK with Red Plaid Leader	0.1 mm	Clear	0.13 mm	232 °C	300 °F	N/A
928	*400/1000	White Paper *PCK with Yellow Leader	0.15 mm	White	0.05 mm	82 °C	150 °F	Tissue

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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