



Technical Data Sheet

3M™ Scotch® ATG Tape 924

Product Description

0.002 in. (0.05 mm) thick adhesive transfer tape
Tape is reverse wound on 1-inch diameter cores for use in Scotch ATG dispensers.

General Information

- 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 ATT Tape 465
- 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	
Liner	Tan Paper *DK with Red Plaid Leader	
Liner Thickness	0.1 mm	
Color	Clear	
Total Tape Thickness	2 mil	
Total Tape Thickness	0.05 mm	
Liner Print	None	
Liner Thickness	4 mil	

*Note	<div>*DK = densified kraft</div> <div>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.</div>

Typical Performance Characteristics

Property	Values	Additional Information
Short Term Temperature Resistance	250 °F	
Short Term Temperature Resistance	121 °C	
Long Term Temperature Resistance	82 °C	
Long Term Temperature Resistance	180 °F	
Solvent Resistance	Good	
UV Resistance	Excellent	
90° Peel Adhesion Stainless Steel	25 oz/in	View 
<div>Test Method: ASTM D3330</div> <div>Test Name: 90° Peel Adhesion</div> <div>Dwell/Cure Time: 72.0</div> <div>Dwell Time Units: hr</div> <div>Temp C: 23C</div> <div>Temp F: 72F</div> <div>Environmental Condition: 50%RH</div> <div>Substrate: Stainless Steel</div> <div>Backing: 2 mil PET</div> <div>Notes: 12 in/min (300 mm/min)</div>		
90° Peel Adhesion Stainless Steel	2.7 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	32.9, 54.9 m
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Standard Roll Length	36, 60 yd
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Available Width	6.35, 12.7, 19.1, and 50.8 mm
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Available Width	1/4, 1/2, 3/4, and 2 in
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Normal Slitting Tolerance	± 0.8 mm
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Normal Slitting Tolerance	± 1/32 in
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Core Size (ID)	25.4 mm
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Core Size (ID)	1 in
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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

3M
Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550

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

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Handling/Application Information

Application Examples

Tape 924 is ideal for bonding a wide variety of similar and dissimilar materials such as metals, glass, wood, papers, paints, and many plastics. Some application ideas include:

- Mounting promotional items, posters, etc.
- Core starting.
- Mounting picture frame mat boards and dust covers.

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/b40065866/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=924

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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