

Scotch[®] ATG Gold Adhesive Transfer Tape 908

Technical Data

August, 2001

Product Description Scotch[®] ATG Gold Adhesive Transfer Tape 908 is a .002" (0.05 mm) thick, acid free, pressure sensitive, permanent adhesive transfer tape.

Construction	Product	Tape 908
	Adhesive Type:	320AF*
	Release Liner:	White paper with printed red 3M logo
	Approximate Thickness	
	Release Liner:	.003 in. (0.08 mm)
	Tape Only:	0.002 in. (0.05 mm)
	Tape Color:	Clear

*320AF is an acid-free medium-firm acrylic pressure sensitive adhesive system. It features a good balance of high initial adhesion (quick stick) and shear holding power.

Typical Physical Properties and Performance Characteristics	Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.
	Adhesion to Steel (Stainless): (ASTM D-3330)*
	60 oz./in. (66 N/100 mm)
	*Modified: 72 Hr. room temperature dwell - 180 degree peel at 12 in/min (305 mm/min) - 2 mil. aluminum to stainless steel.
	Relative High Temperature Operating Ranges:
	Short Term: (minutes, hours)
	180°F (82°C)
	Long Term: (days, weeks)
	150°F (66°C)
	Relative Solvent Resistance:
	Good
	U.V. Resistance:
	Good
	Shelf Life of Tape in Roll Form:
	18 months from date of manufacture when stored in original cartons at 70°F (21°C) and 50% R.H.

Available Sizes	Available Lengths:	
	Standard	36 yds. (32.9 m) and 60 yds. (54.9 m)
	Available Widths:	1/4 in. (6.4 mm), 1/2 in. (12.7 mm) and 3/4 in. (19 mm)
	Normal Slitting Tolerance:	± 1/32 in. (0.8 mm)
	Core Size (ID):	1.0 in. (25.4 mm)

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Application Techniques

- Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better contact (wet out) and improved bond strength.
- To obtain optimum adhesion, the bonding surfaces must be clean, dry, and well unified.
- 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.

General Information

- Scotch® ATG Tape 908 is reversed wound and designed for use in Scotch® ATG 700 series hand-held applicators.
- Tape 908 is photo safe in accordance with both Black – and – White Photographic Activity Tests and Color Photographic Activity Tests (per ANSI IT9.16).
- Tape 908 has a pH between 7.0 and 8.5

Application Ideas

General purpose applications for holding most paper, foil, film, metal, printed surfaces, glass and sealed wood including:

- Matting and framing pictures, artwork and documents
- Memory and scrap books
- General crafts
- School Projects

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.

Certification/Recognition

MSDS: 3M has not prepared a MSDS for this product which is 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, the 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.

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

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ISO 9002

This Engineered Adhesives Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

3M

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10% post-consumer

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