

# Scotch® ATG Gold Adhesive Transfer Tape 908

Technical Data

September, 2009

**Product Description** Scotch® ATG Gold Adhesive Transfer Tape 908 is .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)

## 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.

# Scotch® ATG Gold Adhesive Transfer Tape

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- 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

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- 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

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**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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**Adhesive Performance**

Overall adhesive performance, including initial and aged adhesion, color stability, etc. will vary due to the wide range of materials and substrates this product can be used on. 3M does not recommend that Scotch® ATG 908 or other Scotch® ATG Pressure Sensitive Adhesive (PSA) tapes be directly applied to or come in contact with materials or items of value including, but not limited to, photographs, any form of artwork, historical or precious documents or mementoes, etc. It is the user's responsibility to determine if the tape product is correct for the application.

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**Technical Information**

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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**Product Use**

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



## Industrial Adhesives and Tapes Division

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