3M™ Double-Sided Tapes and Adhesive Transfer Tapes
Selection Guide

Versatile & Flexible
Attachment Solutions

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The range of 3M Double-Sided Tapes and Adhesive Transfer Tapes will help you find the right bonding solution for your requirements. These tapes stick to a wide range of materials including plastics, metals, foam, paper and printed graphics, providing a thin, smooth, flexible bond.

3M™ Double-Sided Tapes are engineered with adhesive on both sides of a carrier. This increases the dimensional stability of the tape, for easy handling and simplicity of application. 3M's Double-Sided Tape range includes both film and tissue carriers, and a choice of performance levels. Your choice will depend on your requirements for temperature and chemical resistance, conformability to irregular surfaces, high shear strength and more. Please refer to the chart on the right when selecting your tape. Double-Sided Tapes can be used for a variety of applications including merchandising displays, metal fabrication, signs, furniture trim, print finishing, splicing and die-cut parts.

3M™ Adhesive Transfer Tapes, including Laminating Adhesives are rolls of pressure sensitive adhesive which have been pre-applied to a special release liner. To apply, the tape is pressed adhesive side down to a surface and the liner is peeled off. A variety of adhesive properties are available, including high tack, high temperature resistance, solvent resistance and adhesion to low or high surface energy materials. Please refer to the chart on the right to select the right transfer tape for your needs. High performance laminating adhesives also form part of this range. 3M Adhesive Transfer Tapes meet virtually any application need, including attaching gaskets, nameplates and graphics.

	Product Number	Product Name	Adhesive	Carrier	Thickness	Temperature resistance		Relative adhesion		UV Resistance	Solvent resistance	Plasticizer resistance	Liner
						Min/Hours	Days/Weeks	HSE	LSE				
Double-Sided Tapes	9086	High Performance Double-Sided Tissue Tape	375 Acrylic	Tissue	0.19mm	120 ºC	85 ºC	High	High	Excellent	Very good	Good	White paper with black 3M logo
	9888T	General Purpose Double-Sided Tissue Tape	Acrylic	Tissue	0.15mm	120 ºC	80 ºC	High	High	Good	Good	N/R	White paper with red 3M logo
	CT6348	Utility Double-Sided Tissue Tape	Acrylic	Tissue	0.09mm	120 ºC	80 ºC	High	High	Good	Good	N/R	White paper
	9088FL	High Performance Double-Sided Film Tape (Film Liner)	375 Acrylic	Film	0.21mm	150 ºC	93 ºC	High	High	Excellent	Very good	Good	Red polypropylene film
	9088	High Performance Double-Sided Film Tape	375 Acrylic	Film	0.21mm	150 ºC	93 ºC	High	High	Excellent	Very good	Good	White paper with red 3M logo
	55256	General Purpose Double-Sided Film Tape	Acrylic	Film	0.05mm	200 ºC	80 ºC	High	Medium	Good	Good	N/R	White paper
	9425	Repositionable Double-Sided Film Tape	Acrylic High Tack/ Med Tack*	Film	0.14mm		52 ºC	High/ medium*	Medium/ low*	Excellent	Good	N/R	Plain brown paper

*First value is "face side" (exposed when unwound); second value is "back side" (exposed when liner removed)

Adhesive Transfer Tapes	F9473PC	VHB™ Adhesive Transfer Tape	100MP Acrylic	None	0.25mm	260 ºC	149 ºC	High	Low	Excellent	Excellent	Good	Brown coated paper with green 3M VHB™ logo
	468MP	High Performance Laminating Adhesive	200MP Acrylic	None	0.125mm	204 ºC	149 ºC	High	Low	Excellent	Excellent	Fair	Brown paper with green 3M 468MP
	467MP	High Performance Laminating Adhesive	200MP Acrylic	None	0.05mm	204 ºC	149 ºC	High	Low	Excellent	Excellent	Fair	Brown paper with green 3M 467MP
	465	General Purpose Adhesive Transfer Tape	400 Acrylic	None	0.05mm	121 ºC	82 ºC	High	Medium	Excellent	Good	N/R	Plain brown paper
	9485PC	High Performance Adhesive Transfer Tape	350 Acrylic	None	0.125mm	232 ºC	149 ºC	High	High	Excellent	Very Good	Fair	Plain brown coated paper
	950	High Tack Adhesive Transfer Tape	300 Acrylic	None	0.125mm	121 ºC	82 ºC	High	High	Fair	Good	Fair	Plain brown paper

HSE - High Surface Energy eg metal, glass, some plastics (polyester, ABS, rigid PVC, polycarbonate, acrylic)
LSE - Low Surface Energy eg some powder coated paints, polyethylene, polypropylene
N/R = Not recommended

Selecting your Double-Sided Tape or Adhesive Transfer Tape

The 3M™ Double-Sided Tape and Adhesive Transfer Tape range provides a bonding solution to meet every requirement. Depending on the surface, and application, the product you need will differ in each case. Follow the chart below to assist in choosing the right tape for your needs.

N.B: If you have a requirement for thicker double-sided tapes, please refer to the 3M™ VHB™ Tapes and Double-Sided Foam Tapes Selection Guide. For information on Adhesive Transfer Tapes in ATG format, please refer to the Scotch™ ATG Adhesive System brochure.

What do I need my 3M Tape to do?

DOUBLE-SIDED TAPES

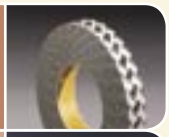
TAPE PROPERTIES/ APPLICATIONS:

- Carrier for easy processing/handling
- Repositionable
- Dimensional stability
- Lamination to foam

Tissue Carrier:

- Hand tearable
- Flexible
- Textured surfaces

9086 High Performance Double-Sided Tissue Tape
High initial tack and excellent peel and shear performance on both high and low surface energy materials.



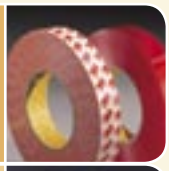
9888T General Purpose Double-Sided Tissue Tape
High initial tack and very good adhesion to most surfaces.

CT6348 Utility Double-Sided Tissue Tape
Good initial tack and adhesion to most surfaces.

Film Carrier:

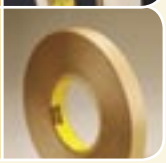
- Temperature resistance
- Repositionable
- Dimensional stability

9088 & 9088FL High Performance Double-Sided Film Tape
High initial adhesion and excellent peel and shear performance on both high and low surface energy materials. 9088FL has a strong film liner for intricate die cuts.



55256 General Purpose Double-Sided Film Tape
Good initial adhesion and shear holding to a variety of surfaces.

9425 Repositionable Double-Sided Film Tape
Differential adhesive. High tack on the side exposed when the roll is unwound and medium tack on the side exposed when the liner is removed.



INCREASING ADHESION

ADHESIVE TRANSFER TAPES

TAPE PROPERTIES/ APPLICATIONS:

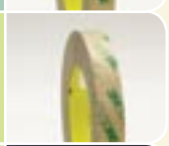
- Temperature resistance
- Conformable
- High shear strength
- Textured surfaces
- Graphic attachment

For adhesion to high surface energy materials

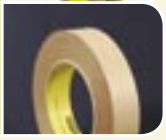
F9473PC VHB™ Adhesive Transfer Tape
Thick adhesive with exceptional shear strength and heat resistance.

468MP High Performance Laminating Adhesive
For graphic attachment to textured surfaces. Short term repositionability for placement accuracy.

467MP High Performance Laminating Adhesive
For graphic attachment to smooth surfaces. Short term repositionability for placement accuracy.



465 General Purpose Adhesive Transfer Tape (or 924 ATG Tape)
Transparent, excellent adhesion to paper, acid free for long term mounting of prints and photographs.



For adhesion to low surface energy materials

9485PC High Performance Adhesive Transfer Tape (or 926 ATG tape)
Excellent chemical resistance and high bond strength on both high and low surface energy materials including paints, powder coatings and lightly oiled metals.

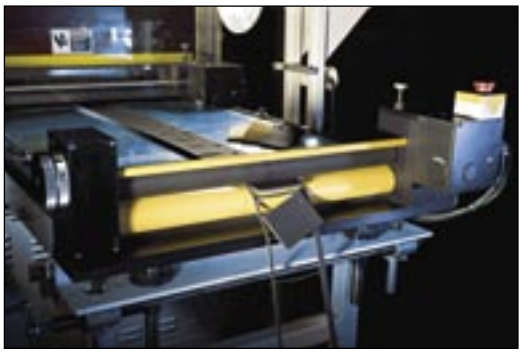
950 High Tack Adhesive Transfer Tape (or 969 ATG tape):
Very high initial adhesion and good shear holding power on most surfaces.

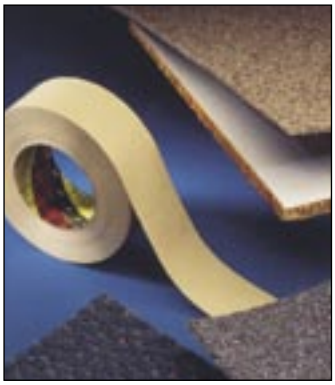
INCREASING ADHESION

Application Ideas

3M Double-Sided Tapes and Adhesive Transfer Tapes can be used on most surfaces, for a wide variety of applications. The list below is a guide only.

- Point of sale assembly
- Roller blind assembly
- Moulding and plastic extrusion attachment
- Mounting posters, photographs and presentation materials
- Splicing & core starting of paper, films and foils
- Nameplate attachment
- Lamination to foam and rubber sheets & gaskets
- Lamination to graphic overlays
- Bonding of decorative trim, veneers and laminates
- Lightweight sign attachment
- Sample board assembly
- Lampshade assembly





Please note that the technical information and data provided within should be considered representative or typical only and should not be used for specification purposes. User should evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of application.

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Industrial Adhesives and Tapes

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