

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 °C	85 °C	High	High	Excellent	Very good	Good	White paper with black 3M logo
	9888T	General Purpose Double-Sided Tissue Tape	Acrylic	Tissue	0.15mm	120 °C	80 °C	High	High	Good	Good	N/R	White paper with red 3M logo
	CT6348	Utility Double-Sided Tissue Tape	Acrylic	Tissue	0.09mm	120 °C	80 °C	High	High	Good	Good	N/R	White paper
	9088FL	High Performance Double-Sided Film Tape (Film Liner)	375 Acrylic	Film	0.21mm	150 °C	93 °C	High	High	Excellent	Very good	Good	Red polypropylene film
	9088	High Performance Double-Sided Film Tape	375 Acrylic	Film	0.21mm	150 °C	93 °C	High	High	Excellent	Very good	Good	White paper with red 3M logo
	55256	General Purpose Double-Sided Film Tape	Acrylic	Film	0.05mm	200 °C	80 °C	High	Medium	Good	Good	N/R	White paper
	9425	Repositionable Double-Sided Film Tape	Acrylic High Tack/ Med Tack*	Film	0.14mm		52 °C	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 °C	149 °C	High	Low	Excellent	Excellent	Good	Brown coated paper with green 3M VHB™ logo
	468MP	High Performance Laminating Adhesive	200MP Acrylic	None	0.125mm	204 °C	149 °C	High	Low	Excellent	Excellent	Fair	Brown paper with green 3M 468MP
	467MP	High Performance Laminating Adhesive	200MP Acrylic	None	0.05mm	204 °C	149 °C	High	Low	Excellent	Excellent	Fair	Brown paper with green 3M 467MP
	465	General Purpose Adhesive Transfer Tape	400 Acrylic	None	0.05mm	121 °C	82 °C	High	Medium	Excellent	Good	N/R	Plain brown paper
	9485PC	High Performance Adhesive Transfer Tape	350 Acrylic	None	0.125mm	232 °C	149 °C	High	High	Excellent	Very Good	Fair	Plain brown coated paper
	950	High Tack Adhesive Transfer Tape	300 Acrylic	None	0.125mm	121 °C	82 °C	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.

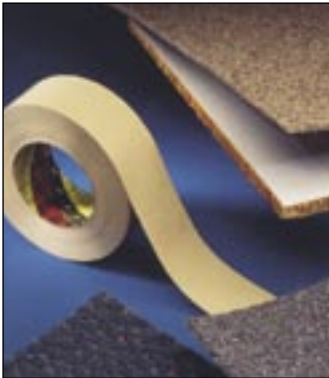
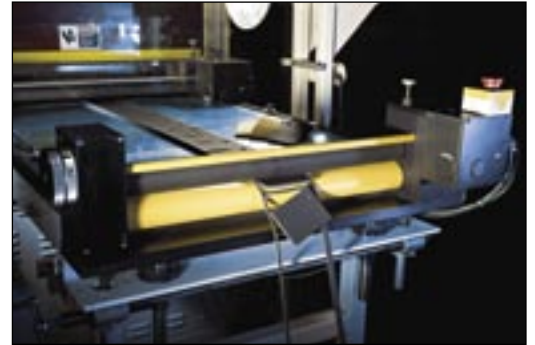
N.B: If you have a requirement for thicker double-sided tapes, please refer to the 3M™ VHB™ Tapes and Double-Sided Foam Tapes Selection Guide. For information on Adhesive Transfer Tapes in ATG format, please refer to the Scotch™ ATG Adhesive System brochure.



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.



3M New Zealand Limited
Industrial Adhesives and Tapes