

3M™ Pressure Sensitive Adhesive Tapes “Go-to” Selection



Simplicity Six for a wide variety of substrate combinations



A simple six for bonding just about anything

Enhanced appearance, improved performance, improved process...if you think these benefits can help you bring a better, more competitive product to market, you'll want to consider six "go-to" pressure sensitive adhesive bonding tapes. To streamline the process of selecting from the vast line of 3M bonding tapes, these six are the most versatile for the most substrates used in these and other markets:

- Metalworking and assembly
- Woodworking
- Medical
- Commercial graphics
- Transportation
- Automotive
- Electronics

For a variety of industrial joining applications, 3M™ Adhesive Transfer Tape F9473PC bonds metal to metal or HSE plastics with high shear and temperature resistance.

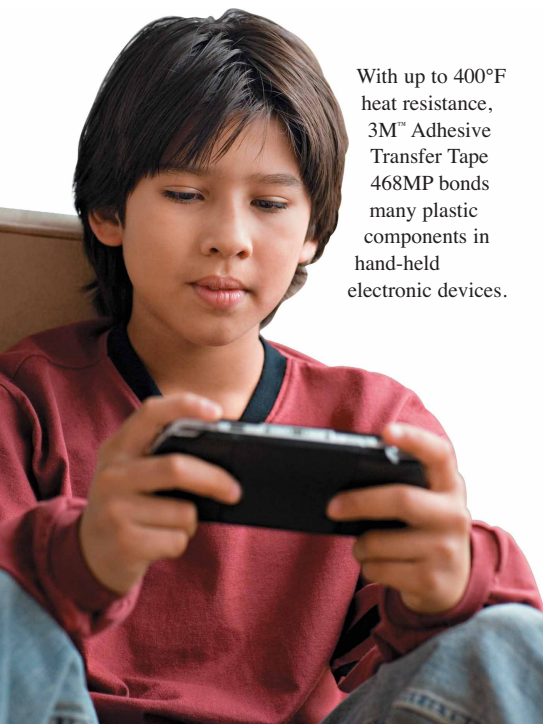
Simplicity Six Matrix

Matrix below provides an overview of what you can bond with only six versatile tapes:

- 3M™ Adhesive Transfer Tape 468MP
- 3M™ Adhesive Transfer Tape 950
- 3M™ Adhesive Transfer Tape 9472LE
- 3M™ Adhesive Transfer Tape F9473PC
- 3M™ Double Coated Tape 9786
- 3M™ Double Coated Tape 9832

| | Stainless Steel | Aluminum | PC | ABS | PE/PP | Rubber | Wood | Foam | Fabric |
|-----------------|-----------------|----------|--------|--------|--------|--------|--------|--------|--------|
| Stainless Steel | F9473PC | F9473PC | 468MP | 468MP | 9472LE | 9472LE | 9832 | 9786 | 9786 |
| Aluminum | F9473PC | F9473PC | 468MP | 468MP | 9472LE | 9472LE | 9832 | 9786 | 9786 |
| PC | 468MP | 468MP | 468MP | 468MP | 9472LE | 9472LE | 9832 | 9786 | 9786 |
| ABS | 468MP | 468MP | 468MP | 468MP | 9472LE | 9472LE | 9832 | 9786 | 9786 |
| PE/PP | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE |
| Rubber | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE | 9472LE |
| Wood | 9832 | 9832 | 9832 | 9832 | 9472LE | 9472LE | 9832 | 9786 | 9786 |
| Foam | 9786 | 9786 | 9786 | 9786 | 9472LE | 9472LE | 9786 | 9786 | 9786 |
| Fabric | 9786 | 9786 | 9786 | 9786 | 9472LE | 9472LE | 9786 | 9786 | 9786 |

* 950 is a versatile cost-effective adhesive for many substrates.
Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.

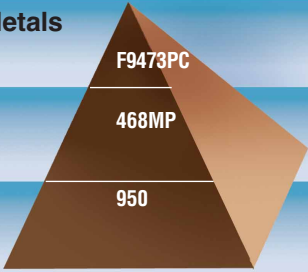
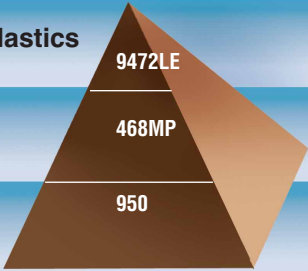
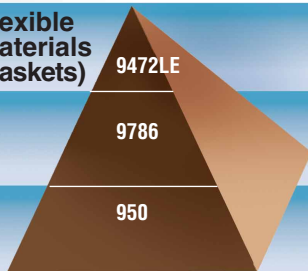
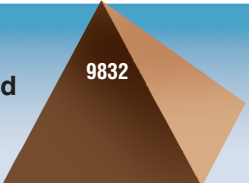


With up to 400°F heat resistance, 3M™ Adhesive Transfer Tape 468MP bonds many plastic components in hand-held electronic devices.



For permanent edge banding, 3M™ Double Coated Tape 9832 rolls on quickly and grabs with immediate handling strength and no special equipment.

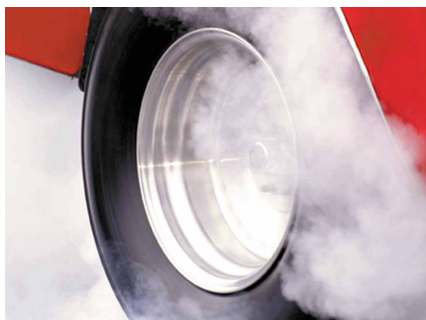
Selection Hierarchy

| Substrate/Tape | Adhesive Family | Description/ Applications | Solvent Resist. | Thickness Mils (mm) | Relative Adhesion | |
|---|-----------------------------------|--|-----------------|------------------------|-------------------|--------|
| | | | | | HSE | LSE |
| Metals  | 100MP High Performance Acrylic | Transfer tape for industrial joining and metal fabrication; UL listing 746C. | High | 10.0 (0.25) | High | Low |
| | 200MP High Performance Acrylic | Industrial standard transfer tape for graphic attachment and die-cut parts. | High | 5.0 (0.13) | High | Low |
| | 300 High Strength Acrylic | Transfer tape for bonding gaskets, foams, and LSE materials. | Medium | 5.0 (0.13) | High | High |
| Plastics  | 300LSE Low Surface Energy Acrylic | Transfer tape for bonding of LSE materials, powder coatings, and oily metal. | High | 5.0 (0.13) | High | High |
| | 200MP High Performance Acrylic | Industrial standard transfer tape for graphic attachment and die-cut parts. | High | 5.0 (0.13) | High | Low |
| | 300 High Strength Acrylic | Transfer tape for bonding gaskets, foams, and LSE materials. | Medium | 5.0 (0.13) | High | High |
| Flexible materials (gaskets)  | 300LSE Low Surface Energy Acrylic | Transfer tape for bonding of LSE materials, powder coatings, and oily metal. | High | 5.0 (0.13) | High | High |
| | 300MP High Tack Acrylic | Double-coated tape for foam lamination and gasket attachment. | Medium | 5.5 (0.14) | High | Medium |
| | 300 High Strength Acrylic | Transfer tape for bonding gaskets, foams, and LSE materials. | Medium | 5.0 (0.13) | High | High |
| Wood  | 300MP High Tack Acrylic | Double-coated tape for permanent bonds in woodworking and furniture. | Medium | 4.8 (0.10) | High | Medium |

Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.



For outside mailboxes, 3M™ Adhesive Transfer Tape 9472LE bonds foam gasketing to help seal the inside from rain and dirt.



3M™ Adhesive Transfer Tape F9473PC with 100MP High Performance Acrylic Adhesive bonds brake pads.



In carrying case assembly, 3M™ Adhesive Transfer Tape 9472LE with 300 LSE Adhesive bonds foam to foam, plywood, metal, or plastic.

Simplicity Six Adhesive Selection

The following adhesives are featured in the Simplicity Six.

100MP High Performance Acrylic

- Up to 500°F heat resistance
- High peel strength and exceptional shear strength

300LSE Low Surface Energy Acrylic

- Up to 300°F heat resistance
- Outstanding adhesion to low surface energy plastics

200MP High Performance Acrylic

- Up to 400°F heat resistance
- Outstanding adhesion to metals and high surface energy plastics

300MP High Tack Acrylic

- Up to 250°F heat resistance
- Economical bonding of most plastics and foams

300 High Strength Acrylic

- Up to 250°F heat resistance
- High initial adhesion particularly to low surface energy plastics

PRODUCT USE: All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application. **WARRANTY AND LIMITED REMEDY:** Unless stated otherwise in 3M's product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product meets the applicable specifications at the time 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. **3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE.** User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If the 3M product is defective within the warranty period, your exclusive remedy and 3M's and seller's sole obligation will be, at 3M's option, to repair or replace the product or refund the purchase price. **LIMITATION OF LIABILITY:** Except where prohibited by law, 3M and seller will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



Converter Markets
Industrial Adhesives and Tapes Division

Building 21-1W-10
900 Bush Avenue
St. Paul, MN 55144-1000
1 800 223 7427
www.3M.com/converter

3M is a trademark
of 3M Company.

Printed in U.S.A.
© 2007 3M
70-0709-4021-1