



## 3M™ Adhesive Transfer Tape 7952MP

3M™ High Performance Acrylic Adhesive 200MP is a popular choice for graphic attachment and general industrial joining applications. It provides outstanding adhesion to metal and high surface energy plastics. This adhesive provides some initial repositionability for placement accuracy when bonding to plastics. It also performs well after exposure to humidity and hot/cold cycles.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

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| PHYSICAL PROPERTY                 | TEST METHOD  | UNIT      | VALUE                            |
|-----------------------------------|--------------|-----------|----------------------------------|
| Adhesive Type                     |              | -         | 200 MP Acrylic                   |
| Total Tape Thickness              | ASTM D3652   | mm<br>mil | 0.06<br>2.3                      |
| Liner Print                       |              | -         | 200MP                            |
| Primary Liner Type                |              | -         | 58# Polycoated Kraft Paper (PCK) |
| Secondary Liner Type              |              | -         | 58# Polycoated Kraft Paper (PCK) |
| Primary Liner Thickness           |              | mm<br>mil | 0.11<br>4.2                      |
| Secondary Liner Thickness         |              | mm<br>mil | 0.11<br>4.2                      |
| Primary Liner Color               |              | -         | Tan                              |
| Secondary Liner Color             |              | -         | Tan                              |
| Thermal Conductivity              | ASTM C518    | w/m/k     | 0.18                             |
| Dielectric Constant - 1khz        | ASTM D150    | -         | 2.72                             |
| Dissipation Factor                |              | -         | 0.017                            |
| Dielectric Strength               | ASTM D149    | v/mil     | 690                              |
| Insulation Resistance             | Mil-I-46058C | Ω         | >2.5 × 10 <sup>16</sup>          |
| Breakdown Voltage                 |              | v         | 1,760                            |
| Short Term Temperature Resistance |              | °C<br>°F  | 149<br>300                       |
| Long Term Temperature Resistance  |              | °C<br>°F  | 93<br>200                        |
|                                   |              |           |                                  |
|                                   |              |           |                                  |

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| 90° Peel Adhesion<br>PROPERTY | TEMPERATURE    | SUBSTRATE       | UNIT          | VALUE       |
|-------------------------------|----------------|-----------------|---------------|-------------|
| 90° Peel Adhesion             | 23 °C (73 °F)  | Stainless Steel | n/cm<br>oz/in | 10<br>92    |
| 90° Peel Adhesion             | 70 °C (158 °F) | Stainless Steel | n/cm<br>oz/in | 16.7<br>153 |
| 180° Peel Adhesion            | 23 °C (73 °F)  | Stainless Steel | n/cm<br>oz/in | 9.6<br>88   |
| 90° Peel Adhesion             | 23 °C (73 °F)  | ABS             | n/cm<br>oz/in | 2.4<br>22   |
| 90° Peel Adhesion             | 23 °C (73 °F)  | Acrylic (PMMA)  | n/cm<br>oz/in | 7<br>64     |
| 90° Peel Adhesion             | 23 °C (73 °F)  | Aluminum        | n/cm<br>oz/in | 7<br>64     |
| 90° Peel Adhesion             | 23 °C (73 °F)  | Glass           | n/cm<br>oz/in | 9.9<br>90   |