

Measurement Specialties has successfully used the following adhesive materials in prototyping and/or production of our piezo film sensor products. Obviously, not all adhesives are appropriate for certain applications. Please contact us if you need assistance with adhesives selection.

| <b>ADHESIVE CHART</b>  |  |  |  |  |
|--|--|--|--|--|
| <b>Adhesive</b>  | <b>Type</b>  | <b>Curing</b>  | <b>Thickness</b>                                       | <b>Manufacturer</b>  |
| 3M 9473<br>3M 9485<br>3M 444<br>3M 9458<br>3M 9703<br>Scotch 467MP | Transfer Tape (A 10)<br>Transfer Tape (A 25)<br>2-Sided Tape, Acrylic<br>2-Sided Tape, Acrylic<br>Z-axis conductive<br>Lam. Adhesive Acrylic | Pressure, Room Temp<br>Pressure, Room Temp<br>Pressure, Room Temp<br>Pressure, Room Temp<br>Pressure, Room Temp<br>Pressure, Room Temp | 10 mil<br>5 mil<br>4 mil<br>1 mil<br>2 mil<br>2 mil    | 3M, Adhesives Division<br>3 M Center, Bldg 220-7E-01<br>St. Paul, MN 55144-1000<br>(800) 362-3550                  |
| Densil   | Silicone Transfer Adhesive   | Pressure, Room Temp  | 2 mil<br>5 mil   | Flexcon<br>1 Flexcon Industrial Park<br>Spencer, MA 01562<br>(508) 885-8440<br>FAX (508) 885-8400                  |
| Black Max<br><br>Loctite 495, 496                                  | Cyanoacrylate (Tough)<br><br>Cyanoacrylate   | Room Temp (10 min.)<br><br>Room Temp   | .001" to .003"<br>typical<br>.001" to .003"<br>typical | Loctite Corp.<br>North American Hdqtrs<br>1001 Trout Brook Crossing<br>Rocky Hill, CT 06067-3910<br>(860) 571-5100 |
| Devcon 5 min.  | Epoxy (2 Part)   | Room Temp (5 min.)   | .001" to .003"<br>typical                              | ITW Devcon<br>30 Endicott St.<br>Danvers, MA 01923<br>(978) 777-1100<br>FAX (978) 774-0516                         |
| RBC 3215<br>and #AB530<br>RBC 3200<br>and #AB532                   | Epoxy (2 Part)   | Room Temp or 2 hrs @65°C   | .001" to .003"<br>typical                              | RBC Industries<br>PO Box 8340<br>Warwick, RI 02888<br>401-941-3000<br>FAX (401) 941-0150                           |
| Insulcast 520<br><br>Insulgel 70                                   | Epoxy with Primer<br><br>Soft Epoxy (2 Part)   | Primer cured 2 hrs. at 60°C<br><br>Room Temp or .5 hr. 175°F   | .001" to .010"<br>typical<br>.001" to .010"<br>typical | Insulcast<br>565 Eagle Rock Ave.<br>Roseland, NJ 07068<br>(800) 645-7546<br>(973) 403-2600<br>FAX (973) 403-1108   |
| E-Solder 3021  | Conductive Epoxy   | Room Temp or heat  | .001" to .003"<br>typical                              | Von Roll Isola USA, Inc.<br>PO Box 1404<br>New Haven, CT 06505<br>(203) 562-2171<br>FAX (203) 562-6864             |
| TraDuct 2902   | Conductive Epoxy   | Room Temp 24 hrs<br>Heat 2 Hrs   | .001" to .003"<br>typical                              | Tra-Con Inc.<br>45 Wiggins Ave.<br>Bedford, MA 01730<br>(800) 982-2661   |

**NOTE:** All adhesives are trademarks of their respective manufacturer.