

DATA SHEET

**TOOLTEC® A005, A007, A012**

Reinforced PTFE coated fiberglass with adhesive for semi-permanent release and mold surface reconditioning.

Description

**Tooltec® A005, A007 and A012** pressure sensitive tapes are designed to adhere to tool surfaces providing semi-permanent release and a reconditioned surface. **Tooltec® A005, A007 and A012** can be used on all types of molds, press platens, caul sheets or any surface that comes in contact with resins or adhesives. Release agents are not required on the mold surface thereby reducing cost and part contamination. These products come standard with a silicone pressure sensitive adhesive, but can also be supplied with an acrylic adhesive.

Application

**Tooltec®** should be applied by carefully lifting the edge of the backing, then applying the adhesive side to the mold surface. The remainder of backing should then be carefully removed while pressing the **Tooltec®** onto the mold surface with an air sweep or other straight edge. A vacuum bag can then be applied to remove any residual air. A cure cycle under vacuum will provide the best results.

| <b>Material Characteristics:</b>              | <b>A005</b>                       | <b>A007</b> | <b>A012</b> |
|---|-----------------------------------|-------------|-------------|
| Carrier Type:                                 | PTFE/Glass                        | PTFE/Glass  | PTFE/Glass  |
| Adhesive Type:                                | Silicone                          | Silicone    | Silicone    |
| Total Thickness, in (μ)                       | .005 (155)                        | .007 (175)  | .012 (305)  |
| Fabric Thickness, in (μ)                      | .003 (75)                         | .005 (125)  | .010 (254)  |
| Adhesive Thickness, in (μ)                    | .002 (50)                         | .002 (50)   | .020 (50)   |
| Adhesion, oz/in-width (N/cm-width):           | 40(4.4)                           | 40 (4.4)    | 40 (4.4)    |
| Maximum Recommended Use Temperature, °F (°C): | 600 (316)                         | 600 (316)   | 600 (316)   |
| Color:  | Light Brown                       | Light Brown | Light Brown |
| Standard Sizes <sub>(1)</sub> :               | 1" (2.54cm) x 36 yards (33m)      |             |             |
|   | 2" (5.08cm) x 36 yards (33m)      |             |             |
|   | 36" (91cm) x 18 yards (16m)       |             |             |
|   | 48" (122cm) x 18 yards (16m)      |             |             |
| Shelf Life:                                   | 1 year when stored at 72°F (22°C) |             |             |

- 1) Other widths available.

CATALOG POSITION: **PRESSURE SENSITIVE TAPES**

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