**Product datasheet** Intertape® 51589 Page 1 SynFlex Elektro GmbH Auf den Kreuzen 24 D-32825 Blomberg Germany Telefon +49-5235-968-0 E-Mail info@synflex.de



| Intertape® 51589  |  |  |  |
|---|--|--|--|
| Intertape® 51589 consists of a polyester film with acrylate adhesive. |  |  |  |
| Standards   |  |  |  |
| UL-File-No.: E20780   |  |  |  |
| CSA-File: LR94980   |  |  |  |
| Delivery forms  |  |  |  |
| Width: from 2.5 mm in 0.1 mm increments                               |  |  |  |
| • Core diameter: 76 mm (3")   |  |  |  |
| Special widths on request   |  |  |  |
| Color   |  |  |  |
| Transparent   |  |  |  |
| Glue  |  |  |  |
| Acrylate  |  |  |  |
| Adhesive  |  |  |  |

## Storage

One-sided

12 months at room temperature. Adhesive tapes should be stored in a cool, dry place at approx. 20  $^{\circ}$ C and 50 - 60  $^{\circ}$ C relative humidity. The storage period should not exceed 12 months.







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| General                          | Unit of measure |                  |
|----------------------------------|-----------------|------------------|
| Type/ Ordering information       |                 | Intertape® 51589 |
| Standard colours                 |                 | Transparent      |
| Backing                          |                 | Polyester film   |
| Backing thickness                | mm              | 0.025            |
| Adhesive                         |                 | Acrylate         |
| Total thickness                  | mm              | 0.056            |
| Elongation at break              | %               | 100              |
| Insulation resistance            | ΜΩ              | 10^6             |
| Electrolyt. corrosion value      |                 | 1.0 Direct/A, 1  |
| Flammability class               |                 | BU 1             |
| Thermal class                    |                 | 130 °C (B)       |
| Dielectic strength               | kV              | 5                |
| Tensile strength                 | N/cm            | 44               |
| Adhesiveness / Adhesion to steel | N/cm            | 3.8              |





