



Intertape® 51245

Intertape® 51245 is a multi-purpose tape for applications which require a combination of tear and Puncture resistance, high tensile strength with elongation, and excellent dielectric strength. The combination of PET Film and polyester non-woven materials can be used on a wide variety of electrical applications.

Nominal Values

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| Backing | PET Laminate, PET Film / PET Non-Woven |
| Backing Thickness | 0,089 mm |
| Adhesive Type | Natural Rubber, thermosetting |
| Total Thickness | 0,134 mm |
| Insulation Class | B 130°C (DIN EN 60085, OANZ2 & OANZ8) |
| Color | White (08) |
| Adhesion to Steel | 23,25 N/25 mm |
| Tensile Strength | 136,00 N/25 mm |
| Elongation at Break | 50% |
| Dielectric Strength | 5000 V |
| Insulation Resistance (megaΩ) | 10 ⁵ Ω |
| Electrolytic Corrosion | A1,0 |
| Flammability | BU2 |
| UL-File # | E20780 |
| Length | 66 m, other lengths upon request |
| Width | 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 75 mm, 1000 mm, other widths upon request |
| Storage Life | The material can be stored at room temperature for at least 12 months. |
| Effective | 02 May 2022 |

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Applications

- High volume coil wrapping Applications
- Ground and barrier insulation
- Outer protective wrap for bobbin applications
- Coil end insulation anchoring leads
- Terminal board pads

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 18°C to 24°C, with a relative humidity of 40% to 50%. When using an adhesive tape stored below 18°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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