

tesa[®] 4950



tesa[®] 4950 is a high-performance, double-sided transparent PET film tape designed for reliable bonding on low surface energy (LSE) substrates. With a total thickness of 100µm and a 12µm PET backing made from 90% post-consumer recycled content, it combines sustainability with technical excellence. The tackified acrylic adhesive ensures strong initial tack and superior shear strength, even under demanding environmental conditions.

Nominal Values

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tesa® 4950



Applications

- Versatile bonding solution for a wide range of demanding industrial applications
- Enables primerless adhesion to low surface energy (LSE) substrates such as PP, PE, and EPDM
- Ideal for long-term mounting on hard-to-bond materials, including gaskets and molded components
- For industrial assembly where clean aesthetics, dimensional stability, and transparent bonding are critical

Benefits

- LSE-Optimized Adhesion: Bonds reliably to PP, PE, and EPDM— no primer needed
- High Shear Strength: Holds strong under stress and heat for long-term durability
- Dimensional Stability: PET backing ensures clean handling and precise die-cuts
- Thermal Resistance: Withstands short-term exposure up to 200°C
- Low VOC: Tested to VDA 278 for cleaner indoor air.

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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