

# 4950

## LSE Double-Sided Tape



### Product Description

tesa® 4950 is a double-sided transparent PET film tape coated with a tackified acrylic adhesive and designed for demanding industrial bonding applications. It provides reliable adhesion to low surface energy substrates such as PP, PE, and EPDM without the need for a primer. The PET film backing ensures dimensional stability and clean handling during converting and assembly processes. The adhesive system offers high initial tack, excellent shear strength, and resistance to humidity, chemicals, UV exposure, and plasticizers. It withstands temperatures up to 100°C (212°F) continuously and 200°C (392°F) for short-term exposure. The product is tested according to VDA 278 for low VOC emissions and is UL recognized in accordance with UL 969 (File MH18055).

### Main Applications

- Bonding of low surface energy substrates such as PP, PE, and EPDM
- Mounting of gaskets and molded components
- Industrial assembly requiring transparent bonding
- Applications requiring dimensional stability and clean appearance
- General industrial bonding applications

### Technical data

	Metric	Imperial
Thickness	100 µm	3.9 mil
Tensile Strength	20 N/cm	11.42 lbs/in
Elongation at Break	50 %	50 %
Long-Term Temperature Resistance	100°C	212 °F
Short-Term Temperature Resistance	200 °C	392 °F
Adhesion to Steel	7.5 N/cm	4.28 lbs/in

### Backing

Post Consumer Recycled PET

### Adhesive Type

Tackified Acrylic

### Liner

White PE-coated liner /  
Branded brown glassine paper

### Colour

Transparent

Note: The physical and performance characteristics shown are averages obtained from tests performed according to ASTM and PSTC test methods. MPI Matco can make no warranty of any kind as to the results of the adhesive product use. The information published here is representative of laboratory research on these products and is believed to be reliable. Values should not be used for specification purposes. Each user should perform their own tests to determine the suitability of the product for their intended application and shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (21°C) with 50% relative humidity.

