

tesa® 4943

Double-sided non woven tape

PRODUCT INFORMATION

Product Description

tesa® 4943 is a double-sided tape consisting of a non woven backing equipped with a solvent based tackified acrylic adhesive. It provides a high initial tack and a good shear resistance.

Main Application

- Lamination of leather, textiles and foams
- Mounting of light parts such as signs, covers and nameplates
- Sealing of bags and envelopes
- Splicing

Technical Data

■ Backing material	non-woven	■ Elongation at break	2 %
■ Colour	translucent	■ Tensile strength	9 N/cm
■ Thickness of tape	100 µm	■ Type of liner	PE-coated paper
■ Type of adhesive	tackified acrylic	■ Colour of liner	white
■ Type of adhesive (covered side)	tackified acrylic	■ Thickness of liner	120 µm

Adhesion to

■ Steel (initial)	5.5 N/cm	■ Steel (after 14 days)	8.1 N/cm
■ ABS (initial)	6.6 N/cm	■ ABS (after 14 days)	7.1 N/cm
■ Aluminium (initial)	3.6 N/cm	■ Aluminium (after 14 days)	4.2 N/cm
■ PC (initial)	7.7 N/cm	■ PC (after 14 days)	7.1 N/cm
■ PET (initial)	4.6 N/cm	■ PET (after 14 days)	5.4 N/cm
■ PS (initial)	6.9 N/cm	■ PVC (after 14 days)	10.8 N/cm
■ PVC (initial)	6.1 N/cm		

Properties

■ Static shear resistance at 23 °C	++	■ Resistance to chemicals	o
■ Static shear resistance at 40 °C	++	■ Ageing resistance (UV)	+
■ Static shear resistance at 70 °C	+	■ Humidity resistance	+
■ Tack	+	■ Temperature resistance short term	100 °C
■ Fogging	+	■ Temperature resistance long term	70 °C

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low