

tesa® 4943

Double-sided non woven tape with acrylic adhesive

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
■ Total thickness	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

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

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

For latest information on this product please visit <http://l.tesa.com/?ip=04943>

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