

tesa® 4943

Double-sided non woven tape with acrylic adhesive

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 envelops
- Splicing

Technical Data

▪ Backing material	non-woven	▪ Elongation at break	2 %
▪ Color	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	●●
▪ 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 ●● medium ● low

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

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