

Product Information

Double-sided non-woven tape

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 Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

• Backing material	non-woven	• Elongation at break	2 %
• Color	translucent	• Tensile strength	9 N/cm
• Total thickness	100 µm		5.1 lbs/in
	3.9 mils	• 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
			4.7 mils

Adhesion to

• Steel (initial)	5.5 N/cm 50.2 oz/in	• Steel (after 14 days)	8.1 N/cm 74 oz/in
• ABS (initial)	6.6 N/cm 60.3 oz/in	• ABS (after 14 days)	7.1 N/cm 64.9 oz/in
• Aluminium (initial)	3.6 N/cm 32.9 oz/in	• Aluminium (after 14 days)	4.2 N/cm 38.4 oz/in
• PC (initial)	7.7 N/cm 70.3 oz/in	• PC (after 14 days)	7.1 N/cm 64.9 oz/in
• PET (initial)	4.6 N/cm 42 oz/in	• PET (after 14 days)	5.4 N/cm 49.3 oz/in
• PS (initial)	6.9 N/cm 63 oz/in	• PVC (after 14 days)	10.8 N/cm 98.7 oz/in
• PVC (initial)	6.1 N/cm 55.7 oz/in		

Properties

• Temperature resistance short term	100 °C 212 °F	• Resistance to chemicals	● ●
• Temperature resistance long term	70 °C 158 °F	• 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

Additional Information

Liner variants:

PV0 white PE coated paper plain

PV4 white PE coated paper with blue tesa logo

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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