



tesa® 4943

Product Information



Double-sided non-woven tape

Product Description

tesa® 4943 is a double-sided tape consisting of a non-woven backing equipped with a solvent-based tackified acrylic adhesive.

Product Features

- It provides a high initial tack and a good shear resistance.

Application Fields

- 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.

Product Construction

• Backing	non-woven	• Color	translucent
• Type of adhesive	tackified acrylic	• Color of liner	white
• Type of liner	PE-coated paper	• Thickness of liner	120 µm
• Total thickness	100 µm 3.9 mils		4.7 mils

Properties/Performance Values

• Elongation at break	2 %	• Static shear resistance at 40°C	medium
• Tensile strength	9 N/cm 5.1 lbs/in	• Static shear resistance at 70°C	good
• Ageing resistance (UV)	good	• Tack	good
• Chemical Resistance	medium	• Temperature resistance long term	70 °C 158 °F
• Humidity resistance	good	• Temperature resistance short term	100 °C 212 °F
• Static shear resistance at 23°C	good		



tesa® 4943

Product Information

Adhesion to Values

• ABS (initial)	6.6 N/cm 60.3 oz/in	• PP (initial)	3 N/cm 27.4 oz/in
• ABS (after 14 days)	7.1 N/cm 64.9 oz/in	• PP (after 14 days)	4 N/cm 36.5 oz/in
• Aluminium (initial)	3.6 N/cm 32.9 oz/in	• PS (initial)	6.9 N/cm 63 oz/in
• Aluminium (after 14 days)	4.2 N/cm 38.4 oz/in	• PVC (initial)	6.1 N/cm 55.7 oz/in
• PC (initial)	7.7 N/cm 70.3 oz/in	• PVC (after 14 days)	10.8 N/cm 98.7 oz/in
• PC (after 14 days)	7.1 N/cm 64.9 oz/in	• Steel (initial)	5.5 N/cm 50.2 oz/in
• PET (initial)	4.6 N/cm 42 oz/in	• Steel (after 14 days)	8.1 N/cm 74 oz/in
• PET (after 14 days)	5.4 N/cm 49.3 oz/in		

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>