



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		



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Adhesion to Values

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

Additional Information

Liner variants:

- PV0 white PE-coated paper plain
- PV4 white PE-coated paper with blue tesa logo

Disclaimer

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