

tesa® 4943

Double-sided non woven tape

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 envelops
- Splicing

Technical Data

Backing material	non-woven	Elongation at break	2 %
Colour	translucent	Tensile strength	9 N/cm

Type of liner Thickness of tape 100 µm 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

Static shear resistance at 23 °C	++	Resistance to chemicals	0
Static shear resistance at 40 °C	++	Ageing resistance (UV)	+
Static shear resistance at 70 °C	+	Humidity resistance	+
Tack	+	Temperature resistance short term	100 °C
Fogging	+	Temperature resistance long term	70 °C

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

tesa tape inc.

Charlotte, N.C. 28209

5825 Carnegie Boulevard

Page 1 of 1 / As of 01/05/11

tesa SE

Quickbornstraße 24 20253 Hamburg

Germany Phone: +49 (40) 4909 101

tesa tape Asia Pacific Pte. Ltd.

164 Gul Circle, Singapore 629621

United States of America Phone: +1 (704) 554 0707 Phone: +65 (68) 612 026 Fax: +1 (704) 553 5634 Fax: +65 (68) 614 790 http://www.tesa-asia.com

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 advise you.