

tesa® 4959

Double-sided non-woven tape

PRODUCT INFORMATION

Product Description

tesa® 4959 is a double-sided mounting and splicing tape equipped with a non-woven backing and coated with an acrylic adhesive of high tack and good shear strength. It is UV and ageing resistant and largely resistant to plasticizers.

Main Application

- Mounting of signs, covers and nameplates
- Mounting of door linings in the car industry
- Mounting of plastic bags, dispatch bags, continuous stationery, posters etc.
- Splicing of paper and film webs

Technical Data

■ Backing material	non-woven	■ Tensile strength	8 N/cm
■ Colour	translucent	■ Type of liner	glassine
■ Total thickness	100 µm	■ Thickness of liner	71 µm
■ Type of adhesive	tackified acrylic	■ Colour of liner	brown
■ Elongation at break	3 %		

Adhesion to

■ Steel (initial)	6.2 N/cm	■ Steel (after 14 days)	7.5 N/cm
■ ABS (initial)	5.3 N/cm	■ ABS (after 14 days)	6.1 N/cm
■ Aluminium (initial)	4.4 N/cm	■ Aluminium (after 14 days)	5.5 N/cm
■ PC (initial)	5.4 N/cm	■ PC (after 14 days)	5.8 N/cm
■ PE (initial)	2.5 N/cm	■ PE (after 14 days)	2.6 N/cm
■ PET (initial)	4.6 N/cm	■ PET (after 14 days)	5.1 N/cm
■ PP (initial)	3.3 N/cm	■ PP (after 14 days)	3.8 N/cm
■ PS (initial)	5.4 N/cm	■ PS (after 14 days)	5.8 N/cm
■ PVC (initial)	5.0 N/cm	■ PVC (after 14 days)	7.5 N/cm

Properties

■ Temperature resistance short term	200 °C	■ Resistance to chemicals	+
■ Temperature resistance long term	80 °C	■ Softener resistance	o
■ Tack	++	■ Static shear resistance at 23°C	+
■ Ageing resistance (UV)	++	■ Static shear resistance at 40°C	o
■ Humidity resistance	+		

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

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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.

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Additional Info

Liner variants:

PV0 brown and white glassine paper (71 µm)

PV6 red MOPP-film (80 µm)

For latest information on this product please visit <http://l.tesa.com/?ip=04959>

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