

product information

tesa® 4962

Premium double-sided non-woven tape

tesa® 4962 is a double-sided tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 4962 features:

- High adhesion values on different substrates
- Excellent grabbing power to rough surfaces
- Excellent temperature resistance

Main Application

Mounting of plastic parts
Bonding of heavy paper
Lamination of textile, leather and foam parts

Technical Data

▪ Backing material	non-woven	▪ Type of adhesive	tackified acrylic
▪ Color	translucent	▪ Elongation at break	3 %
▪ Total thickness	160 µm 6.3 mils	▪ Tensile strength	8 N/cm 4.6 lbs/in

Adhesion to

▪ Steel (initial)	11.5 N/cm 105.1 oz/in	▪ ABS (after 14 days)	12.0 N/cm 109.6 oz/in
▪ ABS (initial)	11.0 N/cm 100.5 oz/in	▪ aluminium (after 14 days)	10.5 N/cm 95.9 oz/in
▪ Aluminium (initial)	10.0 N/cm 91.4 oz/in	▪ PC (after 14 days)	12.4 N/cm 113.3 oz/in
▪ PC (initial)	13.0 N/cm 118.8 oz/in	▪ PC (covered side, after 14 days)	14.0 N/cm 127.9 oz/in
▪ PE (initial)	6.5 N/cm 59.4 oz/in	▪ PE (after 14 days)	7.0 N/cm 64 oz/in
▪ PET (initial)	9.5 N/cm 86.8 oz/in	▪ PET (after 14 days)	10.5 N/cm 95.9 oz/in
▪ PP (initial)	8.5 N/cm 77.7 oz/in	▪ PP (after 14 days)	10.0 N/cm 91.4 oz/in
▪ PS (initial)	12.0 N/cm 109.6 oz/in	▪ PS (after 14 days)	13.0 N/cm 118.8 oz/in
▪ PVC (initial)	11.0 N/cm 100.5 oz/in	▪ PVC (after 14 days)	15.0 N/cm 137 oz/in
▪ Steel (after 14 days)	12.0 N/cm 109.6 oz/in		

For latest information on this product please visit <http://l.tesa.com/?ip=04962>

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.

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Properties

▪ Temperature resistance short term	200 °C 392 °F	▪ Resistance to chemicals	● ● ●
▪ Temperature resistance long term	80 °C 176 °F	▪ Softener resistance	● ●
▪ Tack	● ● ● ●	▪ Static shear resistance at 73,4 °F	● ● ● ●
▪ Ageing resistance (UV)	● ● ● ●	▪ Static shear resistance at 104 °F	● ●
▪ Humidity resistance	● ● ● ●		

Evaluation across relevant tesa® assortment: ● ● ● ● very good ● ● ● good ● ● medium ● low

Additional Information

Liner variants:

PV0 brown glassine paper (71 µm)

PV6 red MOPP-film (80 µm)

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