

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 wetting (grabbing) power to rough surfaces
- Excellent temperature resistance

Main Application

Mounting of plastic and foam parts, heavy papers, textile and leather

Technical Data

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

Adhesion to

▪ Steel (initial)	11.5 N/cm	▪ ABS (after 14 days)	12.0 N/cm
▪ ABS (initial)	11.0 N/cm	▪ Aluminium (after 14 days)	10.5 N/cm
▪ Aluminium (initial)	10.0 N/cm	▪ PC (after 14 days)	12.4 N/cm
▪ PC (initial)	13.0 N/cm	▪ PC (covered side, after 14 days)	14.0 N/cm
▪ PE (initial)	6.5 N/cm	▪ PE (after 14 days)	7.0 N/cm
▪ PET (initial)	9.5 N/cm	▪ PET (after 14 days)	10.5 N/cm
▪ PP (initial)	8.5 N/cm	▪ PP (after 14 days)	10.0 N/cm
▪ PS (initial)	12.0 N/cm	▪ PS (after 14 days)	13.0 N/cm
▪ PVC (initial)	11.0 N/cm	▪ PVC (after 14 days)	15.0 N/cm
▪ Steel (after 14 days)	12.0 N/cm		

Properties

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

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

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

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Additional Information

Liner variants:

PV0 brown glassine paper (71 µm)

PV4 white PE-coated paper (122 µm)

PV6 red MOPP-film (80 µm)

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