

tesa® 4914

Double-sided non-woven tape with differential adhesion level

tesa® 4914 is a translucent double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive with lower coating weight on the open side.

tesa® 4914 features especially:

- Open side: lower adhesion level
- Covered side: higher adhesion level
- Foamed adhesive coating with high initial tack
- Excellent performance on rough surfaces

Main Application

- Mounting of car roof linings in car production
- Lamination of foamed materials in combination with smooth materials on the open side

Technical Data

▪ Backing material	non-woven	▪ Tensile strength	8 N/cm
▪ Color	translucent	▪ Type of liner	PE
▪ Total thickness	250 µm	▪ Colour of liner	red
▪ Type of adhesive	tackified acrylic	▪ Thickness of liner	80 µm
▪ Elongation at break	3 %	▪ Weight of liner	92 g/m²

Adhesion to

▪ Steel (initial)	7.0 N/cm	▪ Steel (after 14 days)	7.8 N/cm
▪ Steel (covered side, initial)	8.2 N/cm	▪ Steel (covered side, after 14 days)	9.3 N/cm
▪ ABS (initial)	5.6 N/cm	▪ ABS (after 14 days)	7.7 N/cm
▪ ABS (covered side, initial)	7.6 N/cm	▪ ABS (covered side, after 14 days)	7.6 N/cm
▪ Aluminium (initial)	5.2 N/cm	▪ Aluminium (after 14 days)	6.3 N/cm
▪ Aluminium (covered side, initial)	7.8 N/cm	▪ Alu (covered side, after 14 days)	8.0 N/cm
▪ PC (initial)	5.8 N/cm	▪ PC (after 14 days)	7.4 N/cm
▪ PC (covered side, initial)	8.1 N/cm	▪ PC (covered side, after 14 days)	8.2 N/cm
▪ PE (initial)	3.2 N/cm	▪ PE (after 14 days)	3.4 N/cm
▪ PE (covered side, initial)	4.2 N/cm	▪ PE (covered side, after 14 days)	5.3 N/cm
▪ PET (initial)	4.8 N/cm	▪ PET (after 14 days)	6.2 N/cm
▪ PET (covered side, initial)	7.8 N/cm	▪ PET (covered side, after 14 days)	7.9 N/cm
▪ PP (initial)	3.6 N/cm	▪ PP (after 14 days)	4.4 N/cm
▪ PP (covered side, initial)	5.5 N/cm	▪ PP (covered side, after 14 days)	6.5 N/cm
▪ PS (initial)	5.8 N/cm	▪ PS (after 14 days)	7.4 N/cm
▪ PS (covered side, initial)	8.1 N/cm	▪ PS (covered side, after 14 days)	8.2 N/cm
▪ PVC (initial)	4.8 N/cm	▪ PVC (after 14 days)	7.7 N/cm
▪ PVC (covered side, initial)	7.8 N/cm	▪ PVC (covered side, after 14 days)	7.8 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=04914>

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, expressed or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. 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.

tesa® 4914

Double-sided non-woven tape with differential adhesion level

Properties

▪ Temperature resistance short term	140 °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

Additional Information

According to VDA278 analysis, tesa 4914 does not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by Health, Labour and Welfare Ministry (Japan).

For latest information on this product please visit <http://l.tesa.com/?ip=04914>

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, expressed or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. 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.