

tesa® 4914

Double-sided non-woven tape with differential adhesive

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
- Easier removal while tearing the bond apart from the original surface even after exposure to demanding environmental conditions
- 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/m ²

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 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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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)	4.6 N/cm	▪ PP (after 14 days)	4.4 N/cm
▪ PP (covered side, initial)	5.6 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

Properties

▪ Temperature resistance short term	140 °C	▪ Softener resistance	● ● ●
▪ Temperature resistance long term	80 °C	▪ Static shear resistance at 23°C	●
▪ Tack	● ● ●	▪ Static shear resistance at 40°C	●
▪ Ageing resistance (UV)	● ● ●		
▪ Humidity resistance	● ● ●		
▪ Resistance to chemicals	● ● ●		

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

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