

tesa® 4900 Acrylic transfer tape

tesa® 4900 consists of a transparent pure acrylic adhesive. The adhesive is transparent, ageing resistant and has a high initial tack.

tesa® 4900 also withstands elevated temperatures.

Main Application

- Splicing of paper and filmic webs, particularly flying splices
- Mounting of displays and posters

Technical Data

▪ Backing material	none	▪ Colour of liner	brown
▪ Total thickness	50 µm	▪ Thickness of liner	71 µm
▪ Type of adhesive	acrylic	▪ Weight of liner	80 g/m ²
▪ Type of liner	glassine		

Adhesion to

▪ Steel (initial)	3.4 N/cm	▪ Steel (after 14 days)	3.8 N/cm
▪ ABS (initial)	2.9 N/cm	▪ ABS (after 14 days)	4.6 N/cm
▪ Aluminium (initial)	2.7 N/cm	▪ Aluminium (after 14 days)	3.1 N/cm
▪ PC (initial)	3.1 N/cm	▪ PC (after 14 days)	5.0 N/cm
▪ PE (initial)	0.8 N/cm	▪ PE (after 14 days)	1.0 N/cm
▪ PET (initial)	2.4 N/cm	▪ PET (after 14 days)	3.7 N/cm
▪ PP (initial)	1.3 N/cm	▪ PP (after 14 days)	2.6 N/cm
▪ PS (initial)	3.1 N/cm	▪ PS (after 14 days)	3.8 N/cm
▪ PVC (initial)	2.7 N/cm	▪ PVC (after 14 days)	5.6 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=04900>

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.