

tesa® 4940

160µm double sided translucent non-woven tape

tesa® 4940 is a translucent, double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 4940 features especially:

- High adhesion level on various kinds of foams, plastic and metal surfaces
- Excellent temperature resistance performance
- Good repulsion resistance
- Thick PE-coated paper liner to ensure excellent diecuttability

Main Application

- Mounting of plastic and foam parts, heavy paper or cardboard, textile, leather and felt

Technical Data

▪ Backing material	non-woven	▪ Type of adhesive	tackified acrylic
▪ Color	translucent	▪ Type of liner	PE-coated paper
▪ Total thickness	160 µm		

Adhesion to

▪ Steel (initial)	9.3 N/cm	▪ Steel (after 14 days)	11.3 N/cm
▪ ABS (initial)	8.0 N/cm	▪ ABS (after 14 days)	13.6 N/cm
▪ Glass (initial)	8.9 N/cm	▪ Glass (after 14 days)	10.3 N/cm
▪ PC (initial)	10.1 N/cm	▪ PC (after 14 days)	13.2 N/cm
▪ PE (initial)	2.9 N/cm	▪ PE (after 14 days)	3.8 N/cm

Properties

▪ Temperature resistance short term	150 °C	▪ Humidity resistance	●●●●
▪ Temperature resistance long term	80 °C	▪ Resistance to chemicals	●●●●
▪ Tack	●●●●	▪ Softener resistance	●●
▪ Ageing resistance (UV)	●●●●	▪ Static shear resistance at 23°C	●●●●

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

Additional Information

Liner variants:

PV43 white PE-coated paper / blue tesa logo

For latest information on this product please visit <http://l.tesa.com/?ip=04940>

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.