



tesa® 4940

Product Information

160µm double sided translucent non-woven tape

Product Description

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

Application Fields

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

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

• Type of liner	PE-coated paper, poly-coated paper	• Total thickness	160 µm
• Backing material	non-woven	• Color	translucent, transparent, optically clear
• Type of adhesive	tackified acrylic, acrylic, advanced acrylic, modified acrylic		

Properties/Performance Values

• Ageing resistance (UV)	very good	• Static shear resistance at 23°C	good
• Chemical resistance	good	• Tack	very good
• Humidity resistance	good	• Temperature resistance long term	80 °C
• Softener resistance	medium, good	• Temperature resistance short term	150 °C



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Adhesion to Values

• ABS (initial)	8 N/cm	• PC (after 14 days)	13.2 N/cm
• ABS (after 14 days)	13.6 N/cm	• PE (initial)	2.9 N/cm
• Glass (initial)	8.9 N/cm	• PE (after 14 days)	3.8 N/cm
• Glass (after 14 days)	10.3 N/cm	• Steel (initial)	9.3 N/cm
• PC (initial)	10.1 N/cm	• Steel (after 14 days)	11.3 N/cm

Additional Information

Liner variants:

PV43 white PE-coated paper / blue tesa logo

Disclaimer

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.

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