



tesa[®] 4940

Product Information

160µm d/s 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:

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

Application Fields

- Mounting 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

- | | | | |
|--------------------|-------------------|-------------------|-------------|
| • Backing | non-woven | • Total thickness | 160 µm |
| • Type of adhesive | tackified acrylic | • Color | 6.3 mils |
| • Type of liner | PE-coated paper | | translucent |

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
176 °F |
| • Softener resistance | medium | • Temperature resistance short term | 150 °C
302 °F |



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Adhesion to Values

• ABS (initial)	8 N/cm 73.1 oz/in	• PC (after 14 days)	13.2 N/cm 120.6 oz/in
• ABS (after 14 days)	13.6 N/cm 124.3 oz/in	• PE (initial)	2.9 N/cm 26.5 oz/in
• Glass (initial)	8.9 N/cm 81.3 oz/in	• PE (after 14 days)	3.8 N/cm 34.7 oz/in
• Glass (after 14 days)	10.3 N/cm 94.1 oz/in	• Steel (initial)	9.3 N/cm 85 oz/in
• PC (initial)	10.1 N/cm 92.3 oz/in	• Steel (after 14 days)	11.3 N/cm 103.2 oz/in

Additional Information

Liner variants:

PV44 white PE-coated paper / non printed

PV48 white PE-coated paper / blue tesa logo and tight release

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.



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