



# tesa<sup>®</sup> 4940

## Product Information

160µm double sided translucent non-woven tape

### Product Description

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

tesa<sup>®</sup> 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

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

### 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    | • Temperature resistance short term | 150 °C    |

### 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 |

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



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### Additional Information

Liner variants:

PV43 white PE-coated paper / blue tesa logo

### Disclaimer

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