



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

- | | | | |
|--------------------|-------------------|-------------------|-------------|
| • 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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Product Information

Additional Information

Liner variants:

PV43 white PE-coated paper / blue tesa logo

Disclaimer

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