



tesa® 68614

Product Information



100µm Double Sided Translucent Non-Woven Tape

Product Description

tesa® 68614 is a translucent, double sided self-adhesive tape consisting of a non-woven backing, a PE-coated paper liner and a tackified acrylic adhesive. tesa® 68614 features high bonding strength on various substrates and a good initial tack. The tissue tape can withstand temperatures of up to 100°C for a short period of time and offers long-term temperature resistance of up to 70°C. tesa® 68614 non-woven tape features resistance to chemicals, ageing, UV light and fogging. The tissue tape is flexible, tear-proof and offers a good static sheer resistance at temperatures of up to 40°C.

Product Features

- High bonding strength on various kinds of substrates
- Good temperature resistance performance

Applications

- tesa® 68614 is used for general purpose mounting applications
- The tissue tape can be used for laminating foam and felt
- Additional liner variants of the tape are available

Technical Information (average values)

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

Applications

- | | | | |
|--------------------|-------------------|-------------------|-------------|
| • Backing | non-woven | • Total thickness | 100 µm |
| • Type of adhesive | tackified acrylic | • Color | translucent |
| • Type of liner | PE-coated paper | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|--------------|
| • Ageing resistance (UV) | good | • Static shear resistance at 70°C | good, medium |
| • Chemical Resistance | medium | • Tack | good, medium |
| • Fogging | good | • Temperature resistance long term | 70 °C |
| • Humidity resistance | good | • Temperature resistance short term | 150 °C |
| • Static shear resistance at 23°C | very good | | |



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Adhesion to Values

• ABS (initial)	7.5 N/cm	• PET (after 14 days)	7.7 N/cm
• ABS (after 14 days)	9.3 N/cm	• PP (initial)	5.9 N/cm
• PC (initial)	7.7 N/cm	• PP (after 14 days)	7.3 N/cm
• PC (after 14 days)	7.1 N/cm	• PVC (initial)	6 N/cm
• PE (initial)	4.4 N/cm	• PVC (after 14 days)	9 N/cm
• PE (after 14 days)	5.6 N/cm	• Steel (initial)	6 N/cm
• PET (initial)	7.5 N/cm	• Steel (after 14 days)	10 N/cm

Additional Information

Liner variants:

PV43 white / orange tesa logo PE-coated paper

PV44 white / non printed PE-coated paper

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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