



tesa® 61127

Product Information



Single-sided splicing tape for siliconised release liner

Product Description

tesa® 61127 is a splicing tape specifically developed to provide a solution for butt splicing release liners in production processes where the final product is continuously separated from the liner afterwards.

tesa® 61127 is a single-sided splicing tape, with no liner, in form of a silicone adhesive with an anti-adhesive PET backing. Its silicone adhesive is designed for splicing siliconised papers and films, low surface energy materials, and more. The special coating on the backside of the PET backing possesses exceptional anti-adhesive characteristics for a wide range of materials which are coated above it.

Key features

- Anti-adhesive backing with outstanding release characteristics
- Good adhesion to various siliconised release liners
- High shear strength and initial tack
- Exceptional temperature and chemical resistance
- Easy and reliable splice detection due to the black color

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Application Fields

We recommend tesa® 61127 for splicing siliconised papers and films, low surface energy materials and more where the final product is continuously separated from the liner afterwards.

tesa® 61127 is particularly used for splicing release papers and films in e.g. the tape converting, artificial leather or tape manufacturing industry.

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 material | PET film | • Total thickness | 65 µm |
| • Type of adhesive | silicone | • Colour | black |
| • Type of liner | none | | |

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Properties/Performance Values

- | | | | |
|---------------------------|--------------|--|--------|
| • Elongation at break | 140 % | • Tack | medium |
| • Tensile strength | 40 N/cm | • Temperature resistance (30 min) | 180 °C |
| • Static shear resistance | good, medium | • Temperature resistance short term duration | 180 °C |

Adhesion to Values

- | | |
|---------|----------|
| • steel | 3.5 N/cm |
|---------|----------|

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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