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1-800-773-0062

tesa® 61529

Product Information

140µm d/s Si/Ac-tape with different adhesive system (Silicone/Acrylic)

Product Description

tesa® 61529 is a transparent double-sided tape with a PET-backing. One side is equipped with a silicone adhesive (easy side) and the other side is equipped with a modified acrylic (tight side).

Product Features

- Excellent bonding properties of the silicone adhesive especially to silicone or silicone containing substrates
- Excellent bonding properties of the acrylic adhesive to a wide range of materials
- Very good handling performance in converting processes
- Excellent resistance to demanding environmental conditions

Application Fields

- Mounting on silicone or silicone containing substrates
- Fastening of silicone rubber (keypad, gasket, rubber feet)
- Mounting of logos or deco parts on UV coated housing

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 | PETP | • Type of adhesive (easy release) | silicone |
| • Total thickness | 140 µm | • Type of adhesive (tight release) | modified acrylic |
| • Color | transparent | • Type of liner (easy release) | PET |
| • Color of liner (tight release) | transparent | • Color of liner (easy release) | white |
| • Thickness of easy release liner | 50 µm | • Type of liner (tight release) | PET |
| • Thickness of tight release liner | 50 µm | | |

Properties/Performance Values

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|-----------------------------------|-----------|-----------------------------------|-----------|
| • Ageing resistance (UV) | very good | • Static shear resistance at 40°C | medium |
| • Humidity resistance | good | • Tack | very good |
| • Static shear resistance at 23°C | good | | |



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Adhesion to Values

• PC (tight-side, after 14 days)	13.9 N/cm	• Silicone (easy-side, initial)	3 N/cm
• PC (tight-side, initial)	13.9 N/cm	• Steel (easy-side, after 14 days)	4.4 N/cm
• PP (easy-side, after 14 days)	4.9 N/cm	• Steel (easy-side, initial)	4.2 N/cm
• PP (easy-side, initial)	4.6 N/cm	• Steel (tight-side, after 14 days)	12.6 N/cm
• Silicone (easy-side, after 14 days)	4 N/cm	• Steel (tight-side, initial)	13.8 N/cm

Additional Information

This product information applies to PV11

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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