



# tesa® 88665

## Product Information



115 µm double sided PET film differential tape (Silicone/Acrylic)

### Product Description

tesa® 88665 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). it's designed for the demanding applications where silicone materials must be bonded to other non-silicone substrates.

### 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
- Great resistance to demanding environmental conditions

### Application Fields

- Silicone foam lamination
- Silicone rubber mounting (rubber feet, phone case, keypad, gasket etc )
- Other critical surface mounting (PP. PE etc.)

### 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                         | PET         | • Type of adhesive (tight release) | tackified acrylic |
| • Total thickness                 | 115 µm      | • Type of liner (easy release)     | PET film          |
| • Color                           | transparent | • Type of liner (tight release)    | coated paper      |
| • Type of adhesive (easy release) | silicone    |                                    |                   |

### Properties/Performance Values

- |                       |         |                                     |           |
|-----------------------|---------|-------------------------------------|-----------|
| • Elongation at break | 75 %    | • Static shear resistance at 23°C   | very good |
| • Tensile strength    | 50 N/cm | • Temperature resistance short term | 150 °C    |



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### Adhesion to Values

• PC (tight-side, after 14 days)	10.8 N/cm	• Silicone (easy-side, initial)	6.3 N/cm
• PC (tight-side, initial)	6.5 N/cm	• Steel (initial)	6.9 N/cm
• PP (easy-side, after 14 days)	7 N/cm	• Steel (easy-side, after 14 days)	7.6 N/cm
• PP (easy-side, initial)	4.8 N/cm	• Steel (easy-side, initial)	6.9 N/cm
• PP (tight-side, after 14 days)	2.4 N/cm	• Steel (tight-side, after 14 days)	9.3 N/cm
• PP (tight-side, initial)	2.4 N/cm	• Steel (tight-side, initial)	6.4 N/cm
• Silicone (easy-side, after 14 days)	9.5 N/cm		

### Additional Information

This product information is applicable to PV43

### Disclaimer

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