



tesa[®] 68535

Product Information

80µm d/s filmic anti-repulsion tape

Product Description

tesa[®] 68535 is a double-sided self-adhesive tape consisting of a transparent PET backing and a special anti-repulsion adhesive.

tesa[®] 68535 features:

- Thickness: 80µm
- Excellent repulsion resistance properties
- High bonding strength and shear resistance
- Very good handling performance in converting processes
- Excellent resistance to demanding environmental conditions

Product Features

- Thickness: 80µm
- Excellent repulsion resistance properties
- High bonding strength and shear resistance
- Very good handling performance in converting processes
- Excellent resistance to demanding environmental conditions

Application Fields

- Bonding on curved surfaces
- Mounting of bended substrates
- Antenna mounting

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 film | • Total thickness | 80 µm |
| • Type of adhesive | tackified acrylic | | 3.1 mils |
| | | • Color | transparent |

Properties/Performance Values

- | | | | |
|------------------------------------|-----------------|-------------------------------------|--------|
| • Tack | good | • Temperature resistance short term | 140 °C |
| • Temperature resistance long term | 85 °C
185 °F | | 284 °F |

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Product Information

Adhesion to Values

• ABS (initial)	6.2 N/cm 56.6 oz/in	• PET (initial)	6.2 N/cm 56.6 oz/in
• ABS (after 14 days)	10.3 N/cm 94.1 oz/in	• PET (after 14 days)	9.8 N/cm 89.5 oz/in
• PC (initial)	7.4 N/cm 67.6 oz/in	• PI (initial)	7.3 N/cm 66.7 oz/in
• PC (after 14 days)	10.9 N/cm 99.6 oz/in	• PI (after 14 days)	10.5 N/cm 95.9 oz/in
• PE (initial)	3.9 N/cm 35.6 oz/in	• Steel (initial)	7.3 N/cm 66.7 oz/in
• PE (after 14 days)	5.4 N/cm 49.3 oz/in	• Steel (after 14 days)	10 N/cm 91.4 oz/in

Additional Information

Liner variants:

PV40 white/red logo glassine paper (71µm; 82g/m²)

Disclaimer

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