

# tesa® 68590



## Product Information

### Transparent double-sided tape

tesa® 68590 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68590 features esp.

- Thickness: 30µm
- High bonding strength
- High resistance to demanding environmental conditions
- Good handling performance in converting processes

### Main Application

tesa® 68590 is used for general mounting and laminating applications.

### Technical Information (average values)

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

#### Technical Data

• Backing material	PET film	• Tensile strength	7 N/cm
• Color	transparent	• Type of liner	glassine
• Total thickness	30 µm	• Colour of liner	brown
• Type of adhesive	tackified acrylic	• Thickness of liner	69 µm
• Elongation at break	50 %	• Weight of liner	80 g/m <sup>2</sup>

#### Adhesion to

• Steel (initial)	6.6 N/cm	• Steel (after 14 days)	8.1 N/cm
• ABS (initial)	5.8 N/cm	• ABS (after 14 days)	7.4 N/cm
• Aluminium (initial)	5.5 N/cm	• Aluminium (after 14 days)	8.2 N/cm
• Glass (initial)	7.1 N/cm	• Glass (after 14 days)	8.7 N/cm
• PC (initial)	6.9 N/cm	• PC (after 14 days)	8.4 N/cm

#### Properties

• Temperature resistance short term	200 °C	• Humidity resistance	●●●●
• Temperature resistance long term	100 °C	• Static shear resistance at 23°C	●●●
• Ageing resistance (UV)	●●●●		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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