



# tesa<sup>®</sup> 66108

## Product Information



0.8mm double-sided PE foam tape for mounting of automotive mirrors

### Product Description

tesa<sup>®</sup> 66108 is a double-sided adhesive tape consisting of a PE foam backing and a tackified acrylic adhesive. With a thickness of 0.8 mm it is perfectly suitable to mount automotive exterior mirrors with or without heating element onto the base plate.

The tackified acrylic adhesive features an high initial and ultimate adhesion strength especially to ABS and ABS/PC and a good temperature resistance.

Due to the high conformability the tape ensures a superior wet out and compensates design tolerances leading to an reliable bond especially for electrochromic mirrors with higher weight and mirrors of light and heavy trucks and bus bigger in size and with increased curvature. This leads also to an excellent performance in splintering protection and cold shock resistance.

#### Main features

- \* High initial adhesive strength
- \* Excellent cold shock resistance
- \* Superior wet-out performance
- \* Conformable PE foam backing to compensate design tolerance
- \* Excellent splintering protection
- \* Good temperature resistance performance
- \* Excellent converting property
- \* UV resistant

### Product Features

- High initial adhesive strength
- Excellent cold shock resistance
- Superior wet-out performance

For latest information on this product please visit <http://l.tesa.com/?ip=66108>



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### Product Features

- Conformable PE foam backing to compensate design tolerance
- Excellent splintering protection
- Good temperature resistance performance
- Excellent converting property
- UV resistant
- It has an excellent performance in splintering protection and cold shock resistance.
- The tackified acrylic adhesive features an high initial and ultimate adhesion strength especially to ABS and ABS/PC and a good temperature resistance.

### Application Fields

tesa<sup>®</sup> 66108 is suitable for mounting automotive exterior mirrors with or without heating element onto the base plate.

Example applications are:

- \* Passenger car mirror with electrochromic mirror glass
- \* Light and heavy truck and bus mirrors with bigger size and increased curvature

To ensure the highest performance possible, our aim is to fully understand your application (including the substrates involved) in order to provide the right product recommendation.

### 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          | PE foam           | • Total thickness | 800 µm |
| • Type of adhesive | tackified acrylic | • Color           | black  |
| • Type of liner    | paper             |                   |        |

### Product Assortment

- |                    |       |                         |        |
|--------------------|-------|-------------------------|--------|
| • Available colors | black | • Available thicknesses | 0.8 mm |
|--------------------|-------|-------------------------|--------|

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## Product Information

### Properties/Performance Values

• Elongation at break	190 %	• Static shear resistance at 70°C	good, medium
• Tensile strength	8 N/cm	• Tack	very good
• Ageing resistance (UV)	good	• Temperature resistance long term	80 °C
• Humidity resistance	good	• Temperature resistance short term	80 °C
• Static shear resistance at 23°C	very good		

### Adhesion to Values

• ABS (initial)	10 N/cm	• PET (after 14 days)	10 N/cm
• ABS (after 14 days)	10 N/cm	• PP (initial)	1.7 N/cm
• PC (initial)	10 N/cm	• PP (after 14 days)	10 N/cm
• PC (after 14 days)	10 N/cm	• Steel (initial)	10 N/cm
• PET (initial)	10 N/cm	• Steel (after 14 days)	10 N/cm

### Additional Information

Liner:

PV0: brown glassine paper (71µm)

### 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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