



tesa® 66108

Product Information



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

Product Description

tesa® 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

Application Fields

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

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



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Application Fields

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 |
| • Available liners | PE-coated paper | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 190 % | • Static shear resistance at 70°C | good |
| • 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 | | |



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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

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