tesa® 66108

Product Information

0.8 mm 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.

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.

Product 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
- 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® 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.

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

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Product Information

Product Construction

- Backing material: PE foam
- Type of adhesive: tackified acrylic
- Type of liner: paper
- Total thickness: 800 µm
- Colour: black

Product Assortment

- Available colors: black
- Available thicknesses: 0.8 mm

Properties/Performance Values

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

Adhesion to Values

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

Additional Information

Liner:
PV0: brown glassine paper (71µm)

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Disclaimer

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