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.

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Product Information

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
- Type of adhesive   tackified acrylic
- Type of liner   paper

- Total thickness   800 µm
                              31.5 mils
- Color   black

Product Assortment

- Available colors   black

- Available thicknesses   0.8 mm

Properties/Performance Values

- Elongation at break   190 %
- Tensile strength   8 N/cm
                              4.6 lbs/in
- Ageing resistance (UV)   good
- Humidity resistance   good
- Static shear resistance at 23°C   very good

- Static shear resistance at 70°C   good
- Tack   very good
- Temperature resistance long term   80 °C
                                      176 °F
- Temperature resistance short term   80 °C
                                      176 °F

Adhesion to Values

- ABS (initial)   10 N/cm
                              91.4 oz/in
- ABS (after 14 days)   10 N/cm
                              91.4 oz/in
- PC (initial)   10 N/cm
                              91.4 oz/in
- PC (after 14 days)   10 N/cm
                              91.4 oz/in
- PET (initial)   10 N/cm
                              91.4 oz/in

- PET (after 14 days)   10 N/cm
                              91.4 oz/in
- PP (initial)   1.7 N/cm
                              15.5 oz/in
- PP (after 14 days)   10 N/cm
                              91.4 oz/in
- Steel (initial)   10 N/cm
                              91.4 oz/in
- Steel (after 14 days)   10 N/cm
                              91.4 oz/in

Additional Information

Liner:
PV0: brown glassine paper (71µm)

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

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Disclaimer

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