



tesa® 62904

Product Information



0.4 mm double-sided PE foam tape for mounting exterior parts and emblems

Product Description

tesa® 62904 is a double-sided adhesive tape consisting of a conformable black PE foam backing and a tackified acrylic adhesive. With a thickness of 0.4 mm, it is suitable for mounting small trims and nameplates, especially those with filigree designs.

The black color allows for an almost invisible bond line. Due to the high conformability, the tape ensures a good wet out and secure bonding even on uneven surfaces and compensates design tolerances.

The tackified acrylic adhesive features a high initial and ultimate adhesion performance on MSE plastics like ABS, chromed ABS, PC, and PMMA, as well as on MSE clear coats combined with an excellent temperature resistance. The impressive cold shock performance results from the damping properties of the PE foam backing even at temperatures below -40°C. The PE foam backing also provides non-sticky edges resulting in excellent converting properties, e.g. for die cutting.

Additionally, the tape combines high cohesive strength with a comparatively low density contributing positively to a low weight design.

Also available in 0.6 mm format.

Product Features

- High initial and ultimate adhesive strength
- Excellent converting properties especially for filigree designs
- Excellent cold shock performance
- Excellent temperature resistance
- Conformable foam backing to compensate for design tolerances or uneven surfaces

Application Fields

tesa® 62904 is suitable for mounting a wide range of small exterior trims and parts.

For latest information on this product please visit <http://l.tesa.com/?ip=62904>



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Application Fields

Example applications are:

- Emblems
- Nameplates
- Lettering like single letters for classification of car models or engine data
- Interior and exterior mirrors onto backplate

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 | 0.4 mm |
| • Type of adhesive | acrylic | • Color | black |
| • Type of liner | glassine | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|--------------|-------------------------------------|--------------|
| • Elongation at break | 350 % | • Static shear resistance at 70°C | good, medium |
| • Tensile strength | 9 N/cm | • Temperature resistance long term | 90 °C |
| • Static shear resistance at 40°C | good, medium | • Temperature resistance short term | 100 °C |

Adhesion to Values

- | | | | |
|-----------------------|---------|-------------------------|---------|
| • ABS (initial) | 6 N/cm | • Steel (initial) | 15 N/cm |
| • ABS (after 14 days) | 21 N/cm | • Steel (after 14 days) | 21 N/cm |
| • PC (after 14 days) | 21 N/cm | | |



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Additional Information

Please note that all 14 days adhesion tests yield foam split or the listed values in adhesive failure mode.

Disclaimer

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