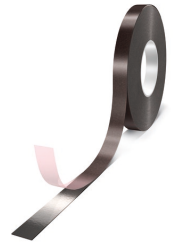




www.marianinc.com
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tesa® 62856 PV6



Product Information

1.2 mm double-sided PE foam tape for mounting automotive exterior trims and emblems

Product Description

tesa® 62856 is a double-sided adhesive tape consisting of a conformable black PE foam backing and a pure acrylic adhesive. With a thickness of 1.2 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 for design tolerances.

The pure acrylic adhesive features a very good initial and high 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 0.5 mm, 0.8 mm, and 0.9 mm formats.

Main features:

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

Product Features

Application Fields

tesa® 62856 is suitable for mounting a wide range of small exterior trims and parts. 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.

Example applications are:

- Emblems
- Nameplates
- Lettering like single letters for classification of car models or engine data
- Locator pin on windscreens

For latest information on this product please visit <http://l.tesa.com/?ip=62856>



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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 | • Total thickness | 12000 µm |
| • Type of adhesive | pure acrylic | • Color | black |
| • Type of liner | silicone MOPP | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 400 % | • Static shear resistance at 70°C | very good |
| • Tensile strength | 15.5 N/cm | • Temperature resistance long term | 90 °C |
| • Static shear resistance at 40°C | very good | • Temperature resistance short term | 100 °C |

Adhesion to Values

- | | | | |
|-----------------------|----------|-------------------------|---------|
| • ABS (initial) | 5.5 N/cm | • Steel (initial) | 6 N/cm |
| • ABS (after 14 days) | 17 N/cm | • Steel (after 14 days) | 17 N/cm |

Additional Information

Liner variants:

PV6 red MOPP (80 µm)

Peel Adhesion:

- after 14 days: foam splitting on Steel, ABS

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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