

tesa® ACXplus 77115

Product Information



1.5 mm double-sided acrylic foam tape for mounting of automotive exterior attachment parts

Product Description

tesa® ACX^{plus} 77115 is a high performance double-sided acrylic foam tape for exterior attachment part mounting. Its outstanding wide temperature range resistance is based on its well-balanced pure acrylic core and tackified adhesive, which assure reliable bonding of the part for the entire life of the vehicle.

Due to the product's unique formulation, it has the ability to absorb and dissipate the stress on the bonding line and builds up its wetting on the substrate.

Also available in 0.8 mm and 1.2 mm formats.

Main Features

- Excellent shear resistance at elevated temperatures
- Superior wet-out performance for high initial bonding on MSE substrates
- High humidity, gasoline, and UV resistance
- PFAS / PFOS free Product
- Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts
- Closed cell acrylic foam core for reliable sealing to prevent water penetration

Application Fields

tesa® ACX^{plus} 77115 is suitable for a wide range of exterior mounting applications.

Example applications are the permanent exterior mounting of:

- * Body side moldings and decorative trims
- * Emblems
- * Spoilers
- * Antennas
- * Pillar appliques

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 material | foamed acrylic | • Total thickness | 1500 µm |
| • Type of adhesive | tackified acrylic | • Colour | black |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|---------------------|---------------|
| • Ageing resistance (UV) | very good | • Temperature range | -40 to +80 °C |
|--------------------------|-----------|---------------------|---------------|

Adhesion to Values

- | | | | |
|----------------------|---------|------------------------|---------|
| • ABS (after 3 days) | 29 N/cm | • Steel (after 3 days) | 34 N/cm |
|----------------------|---------|------------------------|---------|

Additional Information

- Liner: PV 26 = White siliconised PE-coated paper liner

PV 28 = Blue silicone free filmic HDPE liner

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.