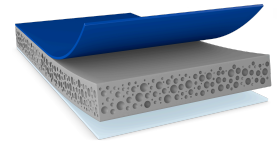




tesa® ACXplus 77708

Product Information



Primerless Acrylic foam tape

Product Description

tesa® ACX^{plus} 77708 is a 0.8mm acrylic foam tape with a unique double-layer asymmetrically designed product, coated on open side with LSE adhesive. It can help eliminate the primer in the process. Its high-performance LSE adhesive creates an efficient and secure bond to typical automotive attachment parts made of LSE (like PP and PP/EPDM) and MSE (like ABS) plastics without primer.

In addition, our product has excellent adhesive properties when it comes to easy-to-bond OEM clear coats. Thanks to its viscoelastic acrylic foam core, tesa® ACX^{plus} 77708 has the ability to absorb and dissipate dynamic and static loads.

Also available in 1.1 mm and 1.5 mm thicknesses.

Main features

- High performance on LSE plastics without primer
- Superior peel adhesion on PP substrates even at an application temperature as low as 5°C
- Excellent bonding level right after application
- Excellent bonding stability at a wider range of temperatures
- Efficient and robust application
- Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts
- Outstanding wet-out property
- High humidity and UV resistance

LSE: low surface energy

MSE: medium surface energy

Application Fields

tesa® ACX^{plus} 77708 Primerless Line is suitable for a wide range of exterior attachment part mounting applications. 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:

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

For latest information on this product please visit <http://l.tesa.com/?ip=77708>



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Product Information

Application Fields

* Pillar appliqués

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 | 800 µm |
| • Type of adhesive | LSE | • Color | grey |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-----------------------------------|----------------|
| • Ageing resistance (UV) | good | • Static shear resistance at 90°C | >10,000 minute |
| • Humidity resistance | very good | • Temperature range | -40 to +80 °C |

Adhesion to Values

- | | | | |
|------------------------------------|---------|--------------------------------------|---------|
| • ABS (initial) | 23 N/cm | • PP (after 3 days) | 30 N/cm |
| • ABS (after 3 days) | 28 N/cm | • Steel (initial) | 25 N/cm |
| • ABS (covered side, after 3 days) | 12 N/cm | • Steel (after 3 days) | 31 N/cm |
| • ABS (covered side, initial) | 8 N/cm | • Steel (covered side, after 3 days) | 25 N/cm |
| • PP (initial) | 24 N/cm | • Steel (covered side, initial) | 12 N/cm |

Additional Information

• Static shear resistance tested with 25mm x 25mm tape on steel, 200g weight

* PV 15 = royal blue siliconized HDPE film liner

* Temperature range: values are load dependent

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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