

77608

Product Information



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

Product Description

tesa® ACX^{plus} 77608 is a 0.8 mm double-sided acrylic foam tape with an unique double layer product design, coated with low surface energy (LSE) adhesive on the covered side. Its high-performance LSE adhesive has excellent initial adhesive properties when it comes to different types of OEM clear coats and can reach near ultimate performance right after the application. Even at temperatures down to 5°C, tesa® ACX^{plus} 77608 shows excellent bonding strength on clear coat.

tesa® ACX^{plus} 77608 is specially recommended for mounting of primer-treated attachment parts including ribbed surfaces to difficult to bond clear coats. Thanks to its viscoelastic acrylic foam core, tesa® ACX^{plus} 77608 has the ability to absorb and dissipate dynamic and static loads.

Also available in thicknesses of 1.1 mm and 1.5 mm.

Main Features

- Superior peel-adhesion level right after application
- Excellent bonding stability at an application temperature as low as 5°C to the clear coat side
- PFAS / PFOS free Product
- Efficient and robust application at OEM
- Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts
- Outstanding wet-out property
- High humidity and UV resistance

Application Fields

tesa® ACX^{plus} 77608 is suitable for a wide range of permanent exterior mounting applications like:

- Body side moldings and decorative trims
- Emblems
- Spoilers
- Antennas
- Pillar appliqués

To ensure the highest performance possible, our aim is to fully understand your application 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.



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Product Construction

• Backing material Grid	foamed acrylic, Acrylic foam	• Total thickness	800 µm
• Type of adhesive Grid	tackified acrylic, acrylic, advanced acrylic, modified acrylic	• Colour	grey
• Type of liner Grid	PE		

Properties/Performance Values

• Ageing resistance (UV)	good, medium	• Temperature range	-40 to +80 °C
• Humidity resistance	very good	• Temperature resistance long term duration	80 °C

Adhesion to Values

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

Additional Information

- Static shear resistance tested with 25 mm x 25 mm tape on steel, 200 g weight
- PV 15 = royal blue siliconized HDPE film liner
- Temperature range: values are load dependent

Disclaimer

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