



# 88211

## Product Information



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

### Product Description

tesa® ACX<sup>plus</sup> 88211 is a 1.1 mm double-sided acrylic foam tape with a 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<sup>plus</sup> 88211 shows excellent bonding strength on clear coat.

tesa® ACX<sup>plus</sup> 88211 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<sup>plus</sup> 88211 has the ability to absorb and dissipate dynamic and static loads.

Also available in thicknesses of 0.8 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<sup>plus</sup> 88211 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.



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### 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          | foamed acrylic    | • Total thickness | 1100 µm |
| • Type of adhesive | tackified acrylic | • Color           | gray    |

### Properties/Performance Values

- |                          |               |                                     |        |
|--------------------------|---------------|-------------------------------------|--------|
| • Ageing resistance (UV) | good          | • Temperature resistance long term  | 80 °C  |
| • Humidity resistance    | very good     | • Temperature resistance short term | 120 °C |
| • Temperature range      | -40 to +80 °C |                                     |        |

### Adhesion to Values

- |                                    |         |                                      |         |
|------------------------------------|---------|--------------------------------------|---------|
| • ABS (initial)                    | 8 N/cm  | • Clear coat (after 24 hrs)          | 26 N/cm |
| • ABS (after 3 days)               | 12 N/cm | • Steel (initial)                    | 12 N/cm |
| • ABS (covered side, after 3 days) | 28 N/cm | • Steel (after 3 days)               | 26 N/cm |
| • ABS (covered side, initial)      | 23 N/cm | • Steel (covered side, after 3 days) | 31 N/cm |
| • Clear coat (after 20 min)        | 24 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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For latest information on this product please visit <http://l.tesa.com/?ip=88211>