



7805 Black Line



Product Information

500 µm/19.7 mils double-sided acrylic foam tape for applications in automotive

Product Description

tesa® ACX^{plus} 7805 is a deep black acrylic foam tape for exterior attachment part mounting.

Its outstanding cold shock resistance is based on a modified acrylic foam core, which assures a reliable bond even at extreme low temperatures. Being viscoelastic, tesa® ACX^{plus} 7805 optimally absorbs and dissipates dynamic and static loads. This exceptional capability enables tesa® ACX^{plus} 7805 to compensate for extreme physical stress caused by different thermal elongation of bonded parts in rapidly changing temperatures.

Product Features

- Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts
- Excellent cold shock performance
- Deep black color for enhanced appearance and high design flexibility
- Closed cell acrylic foam core for reliable sealing to prevent water penetration
- High humidity and UV resistance
- Superior push out resistance also at high temperatures
- PFAS / PFOS free Product
- Closed cell acrylic foam core

Application Fields

Permanent exterior mounting of

- Emblems
- Window laces
- Antennas
- Pillar appliques
- Decorative trims

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 | 500 µm |
| • Type of adhesive | modified acrylic | | 19.7 mils |
| • Type of liner | PE/PP protection film | • Color | deep black |

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Product Information

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-----------------------|-----------|
| • Elongation at break | 1400 % | • Humidity resistance | very good |
| • Ageing resistance (UV) | very good | | |

Adhesion to Values

- | | | | |
|----------------------|------------------------|------------------------|------------------------|
| • ABS (after 3 days) | 18 N/cm
164.5 oz/in | • Steel (after 3 days) | 21 N/cm
191.9 oz/in |
|----------------------|------------------------|------------------------|------------------------|

Additional Information

PV 25 = White siliconized PE-coated paper liner.

PV 29 = Blue heat sealable and adhesive tabable film liner.

Adhesion data are based on PV25 liner.

Disclaimer

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