

# tesa® ACXplus 7812 Black Line



## Product Information

tesa® ACX<sup>plus</sup> Acrylic Foam Tape Black Line 1200µm

## Product Description

tesa® ACX<sup>plus</sup> 7812 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 visco-elastic, tesa® ACX<sup>plus</sup> 7812 optimally absorbs and dissipates dynamic and static loads. This exceptional capability enables tesa® ACX<sup>plus</sup> 7812 to compensate for extreme physical stress caused by different thermal elongation of bonded parts in rapidly changing temperatures.

### Features:

- Visco-elastic acrylic foam core to compensate for different thermal elongation of bonded parts
- Excellent cold shock performance
- Deep black colour for enhanced appearance and high design flexibility
- Closed cell acrylic foam core for reliable sealing to prevent water penetration
- High humidity and UV resistance

## Product Features

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

## Application Fields

Permanent exterior mounting of

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

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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 | 1200 µm    |
| • Type of adhesive | modified acrylic      | • Colour          | deep black |
| • Type of liner    | PE/PP protection film |                   |            |

### Properties/Performance Values

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

### Adhesion to Values

|                       |         |                         |         |
|-----------------------|---------|-------------------------|---------|
| • ABS (after 14 days) | 24 N/cm | • Steel (after 14 days) | 32 N/cm |
| • ABS (after 3 days)  | 24 N/cm | • Steel (after 3 days)  | 32 N/cm |
| • Steel (initial)     | 18 N/cm |                         |         |

### Additional Information

PV 24 = Blue siliconised HDPE filmic liner

PV 25 = White siliconised PE-coated paper liner

## Disclaimer

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