



tesa® ACXplus 7805

Product Information



0.5 mm double-sided acrylic foam tape for mounting automotive exterior trims and parts

Product Description

tesa® ACX^{plus} 7805 Black Line is a deep black double-sided acrylic foam tape for mounting automotive exterior trims and parts. It provides high bonding power on MSE clear coats and plastics like ABS and chromed ABS, and performs outstandingly on PC and PMMA. Its impressive 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 Black Line optimally absorbs and dissipates dynamic and static loads. This exceptional capability enables tesa® ACX^{plus} 7805 Black Line to compensate for extreme physical stress caused by different thermal elongation of bonded parts in changing temperature conditions.

Also available in 0.8 mm, 1.1 mm, 1.2 mm, and 1.5 mm formats.

Main features:

- * Deep black color for enhanced appearance and design flexibility
- * Excellent cold shock performance
- * High humidity and UV resistance
- * Closed cell acrylic foam core
- * Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts

Product Features

- Deep black color for enhanced appearance and design flexibility
- Excellent cold shock performance
- High humidity and UV resistance
- PFAS / PFOS free Product
- Closed cell acrylic foam core
- Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts
- Being viscoelastic, tesa® ACX^{plus} 7805 Black Line optimally absorbs and dissipates dynamic and static loads.
- The exceptional capability enables tesa® ACX^{plus} 7805 Black Line to compensate for extreme physical stress caused by different thermal elongation of bonded parts in changing temperature conditions.

Application Fields

tesa® ACX^{plus} 7805 Black Line is suitable for a wide range of exterior attachment part mounting applications.

For latest information on this product please visit <http://l.tesa.com/?ip=07805>



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Application Fields

Example applications are:

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

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.

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 | • Color | 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) | 18 N/cm | • Steel (after 14 days) | 21 N/cm |
| • ABS (after 3 days) | 18 N/cm | • Steel (after 3 days) | 21 N/cm |
| • Steel (initial) | 12 N/cm | | |

Additional Information

PV 25 = White siliconised PE-coated paper liner

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Additional Information

PV 29 = Blue heat sealable and adhesive tabable film liner

Adhesion data are based on PV25 liner.

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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