



tesa® ACXplus 7072

High Resistance



Product Information

500 µm/19.7 mils double-sided acrylic foam tape

Product Description

The tesa® ACX^{plus} 707x series is suitable for a wide range of bonding applications. For powerful long-lasting bonds, even on material with different surface characteristics. The viscoelastic core compensates thermal elongations of bonded components during the life cycle of the final product, with temperature ranges from -20 °C to 80 °C (-4 °F to 176 °F). tesa® ACX^{plus} 707x series is a high-performance acrylic foam tape for permanent indoor and outdoor mounting applications.

Product Features

- Outstanding cold shock performance down to -40 °C / -40 °F
- In combination with out adhesion promoters a secure and reliable bond in outdoor conditions

Application Fields

Exemplary mounting applications in different industries (e.g. windows & doors, elevator, transportation, appliances, interior fit-out) include:

- Decorative elements
- Emblem mounting

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 | pure acrylic | | 19.7 mils |
| | | • Color | black |

Properties/Performance Values

- | | | | |
|------------------------------------|------------------|-------------------------------------|------------------|
| • Temperature resistance long term | 120 °C
248 °F | • Temperature resistance short term | 220 °C
428 °F |
|------------------------------------|------------------|-------------------------------------|------------------|



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Adhesion to Values

• ABS (initial)	2 N/cm 18.3 oz/in	• Steel (initial)	12 N/cm 109.6 oz/in
• ABS (after 14 days)	3 N/cm 27.4 oz/in	• Steel (after 14 days)	27 N/cm 246.7 oz/in
• PP (initial)	1 N/cm 9.1 oz/in	• Steel (after 3 days)	27 N/cm 246.7 oz/in
• PP (after 14 days)	1 N/cm 9.1 oz/in		

Additional Information

To ensure the highest performance possible, our aim is to fully understand the application (including the substrates involved) to provide the best product recommendation. Please note for outdoor applications we recommend using tesa® Adhesion Promoter as a surface pre-treatment. It leads to a significant improvement in adhesion levels, avoids moisture infiltration, and promotes long-term resistance against harsh environmental factors. For more technical data please refer to our technical information sheet in tesa.com/ACXplus.

Liner options:

- PV22: White paper liner - branded
- PV24: Blue film liner - unbranded

Certificates:

- tesa® ACX^{plus} 7072 is recognized according to UL Standard 746C. UL File QQQW2.E309290
- RST Fire testing in accordance with DIN EN 45545-2, EN ISO 5658-2
- Qualified for a credit according LEED

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.



For latest information on this product please visit <http://l.tesa.com/?ip=07072>