



tesa® ACXplus 7065

Product Information



heavy-duty double-sided tape

Product Description

Double-sided tapes also known as double-coated tapes or double-faced tapes have pressure-sensitive adhesive exposed on both sides which allow two parts to be bonded together. The tesa® ACX^{plus} 7065 is a double-sided acrylic foam tape that is meant for heavy-duty purposes, providing greater cohesive strength for demanding bonding applications. This double-sided tape consists of a high-performance acrylic system and is primarily characterized by its strong bonding power, stress dissipation and its temperature and weather resistance, making it the ideal choice for bonding, holding, mounting, splicing, and packaging applications.

Due to its unique formulation, this heavy-duty double-sided tape combines a very high adhesion level with a very good resistance against plasticizer migration. It is especially designed for the bonding of “hard-to-bond-materials” such as powder coatings or plastic materials. Even for combinations of such materials with all kind of metals, or metal/metal bonding, it offers a convenient solution due to high process safety.

Product Features

- Adhesive coating on both sides for excellent visco-elasticity
- Excellent for “gap filling” applications
- Immediate tack and peel adhesion
- Able to bond to unusual, non-uniform, or highly patterned and textured surfaces

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Application Fields

- Bonding of hard-to-bond materials such as bumper rails, powder coated blades and panels and air distributaries. Replacing rivets and fasteners used in the automotive industry
- Securing and holding carpets in place for major events or trade shows
- Attaching foam to wall panels or flooring underlayment
- Exemplary mounting applications in different industries such as elevator, extruder, transportation, appliances, interior fit-out E.g. Bumper rails, decorative elements, trims & profiles, reinforcement bars and more)

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 | 1200 µm |
| • Type of adhesive | tackified acrylic | • Color | black |

For latest information on this product please visit <http://l.tesa.com/?ip=07065>



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Properties/Performance Values

- | | | | |
|------------------------------------|-------|-------------------------------------|--------|
| • Temperature resistance long term | 70 °C | • Temperature resistance short term | 170 °C |
|------------------------------------|-------|-------------------------------------|--------|

Adhesion to Values

- | | | | |
|-----------------------|---------|-------------------------|---------|
| • ABS (initial) | 15 N/cm | • Steel (initial) | 30 N/cm |
| • ABS (after 14 days) | 30 N/cm | • Steel (after 14 days) | 48 N/cm |
| • PP (initial) | 4 N/cm | • Steel (after 3 days) | 48 N/cm |
| • PP (after 14 days) | 7 N/cm | | |

Additional Information

For more technical data please click on the following link to open our technical information sheet:

<https://www.tesa.com/ACX^{plus}/TI-sheet>

The product is recommended for indoor usage. For permanent outdoor applications with load-bearing requirements, our product offer is tesa® ACX^{plus} 707x series. To ensure the highest performance possible, our aim is to fully understand the application (including the substrates involved) to provide the best product recommendation.

Liner options:

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

Certificates:

- tesa® ACX^{plus} 7065 is recognized according to UL Standard 746C. UL File QOQW2.E309290
- tesa® ACX^{plus} 7065 is recognized according to UL Standard 879. UL File UYMR2.E479260
- Qualified for a credit according to 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.



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