



tesa® ACXplus 7046 Gray / White



Product Information

60 mil double-sided acrylic foam tape

Product Description

tesa® ACX^{plus} 7046 is an acrylic foam tape, available in gray or white. It consists of a high performance acrylic system and is primarily characterized by its bonding power, stress dissipation characteristics, and its temperature and weather resistance. Due to the product's unique formulation, this double-sided acrylic foam tape combines very high adhesion levels with the ability to absorb and dissipate high dynamic loads. tesa® ACX^{plus} 7046 performs well on "hard-to-bond-materials" such as powder coatings or plastic materials. Even in combinations of such materials, this product provides advanced safety due to its innovative product design.

tesa® ACX^{plus} 7046 is especially designed to allow invisible bonding of decorative elements. The gray or white color options adapt very well to metal and plastic surfaces. Furthermore, gleaming of translucent and decorative materials is avoided.

Application Fields

The tesa® ACX^{plus} product family is suitable for a wide range of constructive bonding applications. To ensure the highest performance possible, our aim is to fully understand the application (including the substrates involved) in order to provide the right product recommendation. Example applications include but are not limited to:

- Mounting of decorative panels (e.g. refrigerator glass doors)
- Mounting of decorative elements (e.g. covers of dishwashers, muntin bars on windows)
- Mounting of glass-to-glass or glass-to-metal applications (e.g. partition walls or glass doors)

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 | 1500 µm |
| • Type of adhesive | pure acrylic | • Color | 59.1 mils
gray/white |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|------------------|
| • Chemical resistance | very good | • Tack | good |
| • Softener resistance | good | • Temperature resistance long term | 110 °C
230 °F |
| • Static shear resistance at 70°C | very good | • Temperature resistance short term | 200 °C
392 °F |

For latest information on this product please visit <http://l.tesa.com/?ip=07046>



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Adhesion to Values

• ABS (after 3 days)	55 N/cm 502.5 oz/in	• PMMA (after 3 days)	32 N/cm 292.4 oz/in
• Aluminium (after 3 days)	40 N/cm 365.4 oz/in	• Steel (after 3 days)	36 N/cm 328.9 oz/in
• Glass (after 3 days)	37 N/cm 338 oz/in		

Additional Information

Please note that we recommend using tesa[®] Adhesion Promoter as surface pre-treatment as it leads to a significant improvement of adhesion levels. Which tesa[®] Adhesion Promoter should be used depends on the substrates and the application. We will be glad to advise you in order to find the right solution.

For permanent outdoor applications with load-bearing requirements, our first recommendation is our high resistance product within the tesa[®] ACX^{plus} family: tesa[®] ACX^{plus} High Resistance (7076).

PV28 indicates that this product comes with a blue silicone-free filmic 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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