

tesa® ACXplus 73106

Our tesa® 73106 tailored for high temperature applications

Product Information

640 µm double-sided acrylic foam tape



Product Description

tesa® 73106 is a robust, gray, double-sided acrylic foam tape engineered for long-lasting bonding applications. With a 640 µm thick closed-cell foam core, it conforms easily to uneven or textured surfaces. Its pressure-sensitive adhesive provides strong initial tack and withstands elevated temperatures. Delivering high performance in tensile, shear and peel strength, it serves as an effective substitute for mechanical fasteners such as rivets, screws, welds, or liquid adhesives. Additionally, it offers excellent moisture sealing and long-term durability, even in demanding conditions.

Product Features

- **Viscoelastic Acrylic Foam Core:** Provides excellent stress dissipation and energy absorption, ideal for managing dynamic and static loads in bonded assemblies.
- **Thermal Expansion Compensation:** Maintains reliable bonds between dissimilar materials by adjusting to thermal elongation and contraction.
- **High Bonding Strength:** Delivers strong adhesion to a wide range of substrates including metals, plastics, and painted surfaces - ensuring long-lasting performance.
- **Temperature and Weather Resistance:** Performs reliably under high temperature and is resistant to UV rays, humidity and outdoor environmental conditions.
- **PFAS/PFOS-Free Composition:** Manufactured without perfluorinated substances, supporting safer and more sustainable bonding solutions.
- **Conformable, Double-Sided Foam Design:** Gray, 640 µm thick acrylic foam adapts to surface irregularities, enabling clean, flush bonding without the need for mechanical fasteners.

Application Fields

tesa® 73106 is suited for a variety of demanding bonding applications, including:

- High-temperature use
- Panel stiffening & frame bonding
- Decorative trims
- Multi-material bonding

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 | Acrylic foam | • Total thickness | 640 µm |
| • Type of adhesive | pure acrylic | • Color | gray |

tesa® ACXplus 73106

Our tesa® 73106 tailored for high temperature applications

Product Information

Properties/Performance Values

- | | | | |
|------------------------------------|--------|-------------------------------------|--------|
| • Temperature resistance long term | 150 °C | • Temperature resistance short term | 210 °C |
|------------------------------------|--------|-------------------------------------|--------|

Adhesion to Values

- | | | | |
|-----------------------------|---------|-------------------------|---------|
| • ABS (after 14 days) | 10 N/cm | • PMMA (after 14 days) | 17 N/cm |
| • Aluminium (after 14 days) | 25 N/cm | • PS (after 14 days) | 7 N/cm |
| • Glass (after 14 days) | 20 N/cm | • PVC (after 14 days) | 14 N/cm |
| • PC (after 14 days) | 18 N/cm | • Steel (after 14 days) | 26 N/cm |
| • PET (after 14 days) | 10 N/cm | | |

Additional Information

tesa® 73106 is suitable for both indoor and outdoor use. It offers reliable performance across a wide range of temperatures and environmental conditions. For optimal results, surfaces must be clean, dry, and free of contaminants. It is recommended to conduct application-specific testing prior to full-scale use. For technical support and best bonding results, consult with a tesa® specialist.

Liner options:

- PV31: White filmic liner – unbranded (115 µm)

Additional available thicknesses:

- tesa® 73108 - 800µm
- tesa® 73112 - 1200µm

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=73106>