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 0.64#mm 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 temperature extremes 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, 600–640 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
- Trim, decorative parts & signage
- 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

For latest information on this product please visit http://l.tesa.com/?ip=73106

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Properties/Performance Values

- Temperature resistance long term   100 °C
- Temperature resistance short term   200 °C

Adhesion to Values

ABS (initial)	1.1 N/cm	PET (after 14 days)	9.8 N/cm
ABS (after 14 days)	9.5 N/cm	PS (initial)	1.2 N/cm
Aluminium (initial)	3.5 N/cm	PS (after 14 days)	7.4 N/cm
Aluminium (after 14 days)	26.3 N/cm	PVC (initial)	1.1 N/cm
PC (initial)	2.4 N/cm	PVC (after 14 days)	13.7 N/cm
PC (after 14 days)	14 N/cm	Steel (initial)	9 N/cm
PET (initial)	1.7 N/cm	Steel (after 14 days)	38.5 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:

- PV26: White paper liner – unbranded

Thickness options:

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

Disclaimer

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