

VieTape AF5106D

DOUBLE - SIDED FOAM TAPE

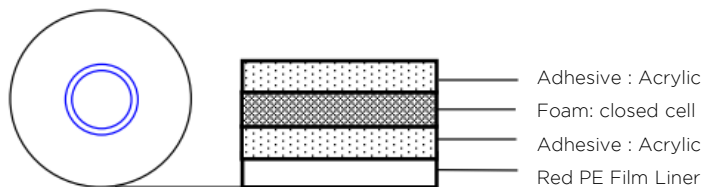
DESCRIPTION

Vietape AF5106D is a black double-sided acrylic foam tape. The tape consists of a foam core coated on both sides with a high-strength acrylic adhesive. The foam core allows the tape to conform to irregular surfaces and fill gaps, while the adhesive provides a strong, durable bond that can withstand extreme temperatures, moisture, and UV radiation.

APPLICATION

- Automotive: Attaching exterior trim, emblems, and badges to vehicles.
- Construction: Bonding curtain walls, facades, and other building components.
- Electronics: Attaching LCD screens, circuit boards, and other components to electronic devices.
- Aerospace: Bonding exterior panels and structural components of aircraft.
- Medical: Bonding medical devices and components.
- Signage and display: Mounting signs, displays, and graphics to walls, windows, and other surfaces.
- Packaging: Bonding cartons, boxes, and other packaging materials.

STRUCTURE



FEATURE

Item	Parameter
Color	Black
Tape thickness	1.2mm
Tolerance	±10%
Length; Width	33m; Optional
Adhesive type	Acrylic
Foam type	Acrylic foam (closed-cell)

Issue date: September 2022

VIETAPE MATERIAL TECHNOLOGY CO.,LTD

18F Tang Nhon Phu Street, Phuoc Long B District,
Thu Duc City, Ho Chi Minh City, Vietnam

info@vietape.com
(+84) 869 681639

www.vietape.com



VieTape AF5106D

DOUBLE - SIDED FOAM TAPE

TYPICAL PERFORMANCE PROPERTIES

Item		Parameter
Adhesion to steel	20 mins	>45N/25mm
	72 hours	>67N/25mm
Lap shear strength, 72 hours		500kPa
Elongation		800%
Long Term Temperature resistance		120°C
Short Term Temperature resistance		80°C

DIRECTION OF USE

Temperatures between 21 and 38°C are ideal for application.

For greater substrate contact, pressure-sensitive adhesives use viscous flow. Better adhesive contact is created by applying firm application pressure, which also strengthens the bond. For operation at low temperatures, this is particularly crucial.

The bonding surfaces must be thoroughly united, clean, and dry in order to achieve the best adhesion. Typical surface cleaning solvents are isopropyl alcohol/water mixture (rubbing alcohol) or heptane. Please take the appropriate precautions to handle solvents safely.

SHELF LIFE

12 months from the date of purchase. The tape is stored in a constant temperature room of at 10 to 30°C with a humidity of 40 - 60% to avoid direct sunlight.

The optimal storage conditions are 720F (220C) and 50% relative humidity.

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part.

Issue date: September 2022

VIETAPE MATERIAL TECHNOLOGY CO., LTD

18F Tang Nhon Phu Street, Phuoc Long B District,
Thu Duc City, Ho Chi Minh City, Vietnam

info@vietape.com
(+84) 869 681639

www.vietape.com

