

# VieTape AF5102D

## DOUBLE -SIDED TAPE

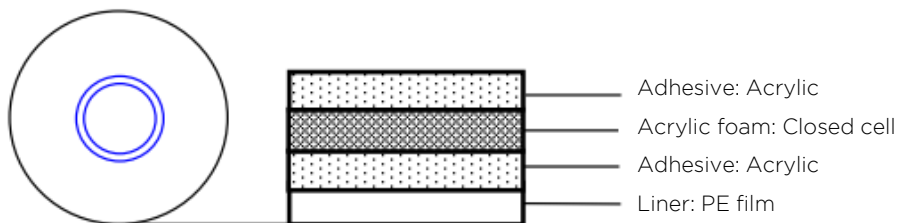
### DESCRIPTION

AF5102D is a double-sided acrylic foam tape in gray color. Even when the substrates are slightly out of alignment, the conformable foam provides good contact between them. Many different metals, plastics, and painted materials are among the many substrates that AF5102D can adhere to. The superior high-temperature and excellent sealing performance of this tape family make it ideal for stiffeners used on equipment enclosures, metal cabinets, appliances, signage, etc. It is also commonly suitable for assembly prior to powder coat or liquid paint processes.

### APPLICATION

This product is used for bonding and sealing, which creates a permanent seal against water, moisture, etc. It is a fast and convenient permanent bonding method that provides high strength, long-term durability, and high temperature resistance (short term up to 230°C)

### STRUCTURE



### FEATURE

Item	Parameter
Color	Gray
Tape thickness	1.1 mm± 10%
Liner thickness	0.08 mm
Adhesive type	Acrylic
Foam type	Acrylic foam (closed-cell)
Density	0.71 g/cm <sup>3</sup>

Issue date: September 2022

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#### TYPICAL PERFORMANCE PROPERTIES

Properties	Value	Method
90° Peel Adhesion	21 lb/in	ASTM D3330
Tensile strength	670 kPa	ASTM D897
Overlap shear strength	730 kPa	ASTM D1002
Short term temperature resistance	230°C	
Long term temperature resistance	150°C	

#### ORIGINAL SIZE

Property	Value
Standard Roll Length	32.9 m / 36 yd
Minimum Available Width	6.4 mm / 0.25 in
Maximum Available Width	1118 mm / 44 in
Normal Slitting Tolerance	± 0.79 mm/ ± 1/32 in

#### SHELF LIFE

24 months from date of manufacture when stored at 4 - 38°C (40 - 100°F) and 0 - 95% relative humidity. The optimal storage conditions are 72°F (22°C) 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.

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