BOW TAPE SINCE *1986*, ACRYLIC FOAM TAPE SINCE *2000*

DIFFERENTIAL ACRYLIC FOAM TAPE

Technical Data 2025

Bow Tape Acrylic Foam Double-Sided Tape is a long-standing best-seller, offering a reliable alternative to screws, nails, and liquid adhesives for heavy-duty bonding. The highly elastic and viscous acrylic foam enhances adhesion, providing superior holding strength, making it ideal for attaching heavy objects. It also effectively absorbs vibrations and shocks while ensuring quick and convenient application. With adhesive on one side for LSE (low surface energy) surfaces, and the other for MSE (medium surface energy) like metal, glass, and ABS, Bow Tape's differential type tapes can be used in a wide range of applications.

Application

Interior and exterior vehicle components (body side molding, cladding, roof rack molding, fender flare, shark antenna, electronic display) Panels and components in home appliances and electronic devices.

Structure

	708BDLM	711BDLM	715BDLM
Color		Black	
Thickness	0.8mm	1.1mm	1.5mm
Carrier		Acrylic Foam	
Release Liner		Paper / Easy-release PE Film	
Standard Size		930mm x 33M	
Structure		Acrylic Adhesive Acrylic Foam LSE Acrylic Adhesive Release Liner	

Properties

180˚ Peel Adhesion			
SUS, 72hrs	2300	2500	2800
PP, 72hrs	3000	3000	3800
Dynamic Shear	9	9	8.5
Heat/Temperature Resistance			
Short-term		150	
Long-term		93	
UV Resistance		++*	
Chemical Resistance		++	

* + : Average, +++ : Exceptional

Test Method

	180˚ Adhesion ASTM D3330	Dynamic Shear ASTM D1002	Short/Long term
			
Substrate	As indicated	SUS	SUS
Speed/Load	300mm/min	200mm/min	100g/250g
Tape size	10mm	1.00㎠	3.23㎠/6.45㎠
Spec in	-	-	4hours/7days
Unit	gf	kgf/㎠	℃

Shelf Life

24 months from date of manufacture when stored at 21°C to 38°C (69°F to 100°F) and 50% relative humidity.

Caution

Technical Specifications reflect the average performance of products based on data from controlled standard testing enviroments and engineering experience but are not guaranteed. Although Bow Tape products are suitable for most standard situations, due to many unforeseeable factors contributing to the performance during the application process, Bow Tape should be consulted with proper information for accurate product suggestions regarding specific usage.

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