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

PREMIUM PRIMERLESS 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. Traditionally for LSE (low surface energy) surfaces like PP, PE, and powder coated materials, the strenuous and toxic job of applying a coat of primer was the norm. Now with Bow Primerless acrylic foam tapes, this hassle is no longer necessary. Just 20min after adhesion, experience perfect adhesion performance.

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

	708GSP	711GSP	716GSP	723GSP
Color		Gray		
Thickness	0.8mm	1.1mm	1.6mm	2.3mm
Carrier		Acrylic Foam		
Release Liner		Paper / Easy-release Red PE Film		
Standard Size		930mm x 33M		
Structure		LSE Acrylic Adhesive Acrylic Foam LSE Acrylic Adhesive Release Liner		

Properties

180˚ Peel Adhesion				
SUS, 72hrs	3000	3800	4400	4700
PP, 72hrs	2800	3600	4200	4500
Dynamic Shear	9	9.5	8.5	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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