







Bumpon™ Protective Products

Quiet Clear SJ-6500 Series

Technical Data

Product Description 3M™ Bumpon™ Quiet Clear SJ-6500 Series are molded cushioning products that utilize a special, soft polyurethane formulation and synthetic rubber adhesive system.

Product Construction	Backing	Adhesive	Color
	Polyurethane	R-25 Synthetic Rubber	Transparent

Specifications	Shape	Dimensions	Pad Layout
	3M™ Bumpon™ Quiet Clear SJ-6553 Hexagonal Cone	Height: 0.120 in. (3.05 mm) Length: 0.433 in. (11.0 mm)	11 x 12 matrix 132 per pad
	3M™ Bumpon™ Quiet Clear SJ-6506 Hemispherical	Height: 0.150 in. (3.8 mm) Diameter: 0.375 in. (9.5 mm)	12 x 8 matrix 96 per pad
	3M™ Bumpon™ Quiet Clear SJ-6512 Cylindrical	Height: 0.140 in. (3.5 mm) Diameter: 0.500 in. (12.7 mm)	8 x 7 matrix 56 per pad
	3M™ Bumpon™ Quiet Clear SJ-6561* Hexagonal Hemisphere	Height: 0.150 in. (3.8 mm) Length: 0.433 in. (11.0 mm)	11 x 12 matrix 132 per pad

*Patented design, Patent pending.

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Property	Test Results	ASTM Test Method
Hardness, Shore A:	55	D-2240
Resilience, %:	55	D-2632 (0.125 in. sample)
Kinetic Coefficient of Friction:		D-1894
Stainless Steel	2.8	
Glass	2.8	
Formica® laminate	1.8	
Wood	2.3	
Abrasion Resistance:		C-501
G/1000 cycles	0.03	
Tabor H18, 1 kg		
Tensile Strength, lbs./in. ² :	270	D-412
Elongation, %:	170	D-412
Stain Resistance:	None Observed	3M Test (24 hrs. @ 158°F against white paint, 7 days exposed to UV)

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Solvent and Fuel Resistance	Solvent/Fuel	Result	Solvent/Fuel	Result
(3M 24 Hour Immersion Test)	5% Detergent in Water:	No apparent effect	Auto Oil:	No apparent effect
	25% Ammonia in Water:	No apparent effect	Mineral Spirits:	No apparent effect
	Bleach:	No apparent effect	Heptane:	No apparent effect
	1N Hydrochloric Acid:	No apparent effect	Isopropyl Alcohol:	Slight to moderate swelling
	Kerosene:	No apparent effect	Toluene:	Considerable swelling

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- Application Ideas**
- Kitchen and bath cabinet door and drawer stops.
 - Cushions or spacers on electronic equipment.

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- Application Ideas**
- Special polyurethane formulation that is softer than standard 3M™ Bumpon™ Molded Products.
 - Clear polyurethane for universal color matching.
 - Can be used on all cabinet materials and colors.
 - High-tack adhesive that adheres to a wide variety of surfaces with excellent initial adhesion.
 - Recommended application temperature is 40° to 125°F (5° to 52°C).
 - Not intended for outdoor use, when exposed to UV light for extended periods some slight discoloration or yellowing may occur.

Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

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Product Use

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



Industrial Business Industrial Adhesives and Tapes Division

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