







# Bumpon™ Protective Products

## SJ-6500 Series Quiet Clear

### Technical Data

**Product Description** 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
	SJ-6553 Hexagonal Cone	Height: 0.120" (3.05mm) Length: 0.433" (11.0mm)	11x12 matrix 132 per pad
	SJ-6506 Hemispherical	Height: 0.150" (3.8mm) Diameter: 0.375" (9.5mm)	12x8 matrix 96 per pad
	SJ6512 Cylindrical	Height: 0.140" (3.5mm) Diameter: 0.500" (12.7mm)	8x7 matrix 56 per pad
	SJ6561* Hexagonal Hemisphere	Height: 0.150" (3.8mm) Length: 0.433" (11.0mm)	11x12 matrix 132 per pad

\*Patented design, Patent pending

**Typical Physical Properties and Performance Characteristics** **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	1.8	
Wood	2.3	
Abrasion Resistance	0.03	C-501
G/1000 cycles Tabor H18, 1kg		
Tensile Strength, lbs./in <sup>2</sup>	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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page 2 of 3

Solvent and Fuel Resistance (3M 24 Hour Immersion Test)	Solvent/Fuel	Result	Solvent/Fuel	Result
	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

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

Features and Benefits	Features	Advantages	Benefits
	Special Polyurethane formulation	Softer than standard Bumpon™ Molded Products	Superior sound damping
	Clear polyurethane	Universal color matching	Can be used on all cabinet materials and colors
	R-25 synthetic rubber adhesive	High-tack adhesive	Adheres to a wide variety of surfaces
			Excellent initial adhesion

**General Information**

Shelf life is 18 months from date of manufacture when stored in original cartons at 60°-80°F (16-27°C) and 40-50% relative humidity.

Recommended application temperature is 40°F (5°C) to 125°F (52°C).

Not intended for outdoor use, when exposed to UV light for extended periods some slight discoloration or yellowing may occur.

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**Technical Information and Data**

The technical information and data, recommendations, and other statements provided in this document are based on tests or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed.

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**Product Use**

Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be used with the 3M product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which 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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**Limited Warranty and Limited Remedy**

The 3M product will be free from defects in material and manufacture for a period of one (1) year from the date of manufacture. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. If the 3M product is defective within the warranty period stated above, YOUR EXCLUSIVE REMEDY AND 3M'S SOLE OBLIGATION SHALL BE, AT 3M'S OPTION, TO REPLACE OR REPAIR THE 3M PRODUCT OR REFUND THE PURCHASE PRICE OF THE 3M PRODUCT.

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This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

**Industrial Tape and Specialties Division**

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