

# 3M™ Bumpon™ Protective Products

## Molded Shapes - Quiet Clear

### SJ6500 Series

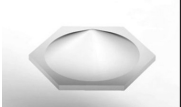




#### Product Description

3M™ Bumpon™ Protective Product Quiet Clear SJ6500 Series are molded cushioning products that utilize a special, soft polyurethane formulation and synthetic rubber adhesive. This unique construction provides an excellent cushioning stop, spacer or non-skid foot solution, with enhanced sound damping characteristics. The 3M high tack, pressure-sensitive adhesive is protected with a polyester release liner, making individual Bumpon removal and application quick and easy.

#### Product Construction

Backing	Adhesive	Color
Polyurethane	Synthetic Rubber	Transparent

#### Specifications

Shape	Dimensions	Pad Format
 3M™ Bumpon™ Protective Product Quiet Clear SJ6553* 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™ Protective Product Quiet Clear SJ6506 Hemispherical	Height: 0.150 in. (3.8 mm) Diameter: 0.375 in. (9.5 mm)	12 x 8 matrix 96 per pad
 3M™ Bumpon™ Protective Product Quiet Clear SJ6512 Cylindrical	Height: 0.140 in. (3.5 mm) Diameter: 0.500 in. (12.7 mm)	8 x 7 matrix 56 per pad
 3M™ Bumpon™ Protective Product Quiet Clear SJ6561* Hexagonal Hemisphere	Height: 0.150 in. (3.8 mm) Length: 0.433 in. (11.0 mm)	11 x 12 matrix 132 per pad
 3M™ Bumpon™ Protective Product Quiet Clear SJ6503 Hemispherical	Height: 0.20 in. (5.0 mm) Diameter: 0.44 in. (11.1 mm)	8 x 7 matrix 56 per pad

\*These unique molded shapes were specifically created to incorporate optimized top shapes for sound damping, combined with a base design (hexagon) popular in the cabinet industry.

**Note:** All dimensions ± 0.02 inches or ± 0.05 mm measured without the adhesive liner.



## Features and Applications

All 3M™ Bumpon™ Protective Products feature a plasticizer-free, urethane composition which exhibits:

- Excellent skid resistance
- Long aging resiliency – resistant to cracking and hardening
- Abrasion resistance
- Resistance to marring and staining

3M™ Bumpon™ Protective Products Quiet Clear utilize a special, softer polyurethane formulation than standard series 3M™ Bumpons™:

- Provides excellent sound damping and noise reduction characteristics
- The transparent polyurethane allows the customer to match a variety of surface colors and finishes
- Optimal shapes to reduce slamming noise on custom wood and other cabinetry applications
- Use as cushioning stops on cabinet doors, lids and drawers
- Work well as spacers to help provide alignment, or as an aid in assembly
- Used as non-skid feet, applied to bottom of small, desktop or hand-held electronics, computers, office accessories
- Act as protectors to help prevent surfaces from touching in shipping, or other applications where adjacent surfaces need protection

3M™ Bumpon™ Protective Products Quiet Clear utilize 3M synthetic rubber adhesive

- Provides quick bond to variety of surfaces, including low surface energy materials like polypropylene, powdercoats and wood stains/finishes
- Fast initial adhesion for parts going through assembly lines to help reduce dislodged parts

## 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

## 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
<b>Hardness, Shore M:</b>	56	D-2240
<b>Resilience, %:</b>	55	D-2632 (0.125 in. sample)
<b>Kinetic Coefficient of Friction:</b>		D-1894
<b>Stainless Steel</b>	2.8	
<b>Glass</b>	2.8	
<b>Formica® laminate</b>	1.8	
<b>Wood</b>	2.3	
<b>Abrasion Resistance:</b>		C-501
<b>G/1000 cycles</b>	0.03	
<b>Tabor H18, 1 kg</b>		
<b>Tensile Strength, lbs/in<sup>2</sup>:</b>	270	D-412
<b>Elongation, %:</b>	170	D-412
<b>Stain Resistance:</b>	None Observed	3M Test (24 hrs. @ 70°C (158°F) against white white paint, 7 days exposed to UV)

## General Technical Information

**Application Temperature:** 5°C (40°F) to 52°C (125°F)

**UL Flammability:** Not rated

**Service Temperature:** -34°C (-30°F) to 66°C (150°F)

Suggested for indoor applications only. Not intended for outdoor use. When exposed to UV light and humidity for extended periods, some discoloration or softening of the 3M™ Bumpon™ Protective Product construction may occur.

## Storage

Store in original cartons at 16° to 27°C (60° to 80°F) and 40 to 50% relative humidity.

## Shelf Life

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

## Regulatory

For regulatory information about this product, contact your 3M representative.

## Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

## Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

## Warranty, Limited Remedy, and Disclaimer

Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

## Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



### Electronics Materials Solutions Division

3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
1-800-251-8634 phone  
651-778-4244 fax  
[www.3M.com/electronics](http://www.3M.com/electronics)

3M and Bumpon are trademarks of  
3M Company.  
Formica is a registered trademark of  
the Formica Corporation.  
Please recycle.  
©3M 2014. All rights reserved.  
60-5002-0553-3



Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)