

**COLOR OPTIONS**

Please Call For Availability



WHITE BLACK BROWN GREY CLEAR



# Bumper Specialties, Inc.

MOLDED POLYURETHANE SELF-ADHESIVE BUMPERS

**Made in the USA**

**Domestic**

Phone: 856-345-7650  
Phone: 800-541-2500  
Fax: 856-345-7690

**International**

Phone: 001-856-345-7650  
Fax: 001-856-345-7690

1607 Imperial Way  
West Deptford, NJ 08066 USA  
Email: [info@BumperSpecialties.com](mailto:info@BumperSpecialties.com)  
[www.BumperSpecialties.com](http://www.BumperSpecialties.com)

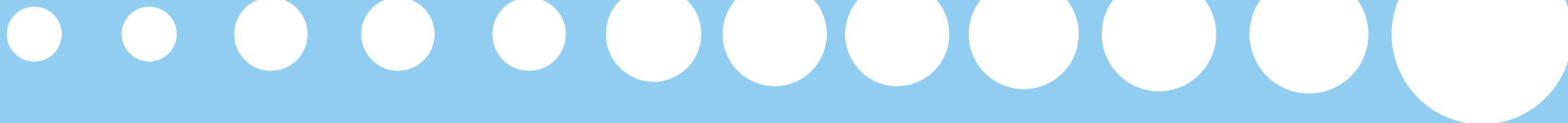
**SPECIALTY**



**BS-67-SD\*** **BS-33-SD\*** **BS-58-SD\***

HEIGHT: ↑ .180" (4.6mm) ↑ .150" (3.8mm) ↑ .200" (5.1mm)  
DIAMETER: ∅ .375" (9.5mm) ∅ .500" (12.7mm) ∅ .500" (12.7mm)

**CYLINDRICAL**



**BS-34\*** **BS-35** **BS-05** **BS-01\*** **BS-06** **BS-11** **BS-28** **BS-45** **BS-44** **BS-41** **BS-24** **BS-72**

HEIGHT: ↑ .125" (3.2mm) ↑ .190" (4.8mm) ↑ .060" (1.5mm) ↑ .140" (3.5mm) ↑ .250" (6.4mm) ↑ .400" (10.2mm) ↑ .600" (15.2mm) ↑ .180" (4.6mm) ↑ .160" (4.1mm) ↑ .200" (5.1mm) ↑ .120" (3.0mm) ↑ .100" (2.5mm)  
DIAMETER: ∅ .375" (9.5mm) ∅ .375" (9.5mm) ∅ .500" (12.7mm) ∅ .500" (12.7mm) ∅ .500" (12.7mm) ∅ .650" (16.5mm) ∅ .718" (18.2mm) ∅ .710" (18.0mm) ∅ .750" (19.1mm) ∅ .780" (19.8mm) ∅ .810" (20.6mm) ∅ 1.230" (31.2mm)

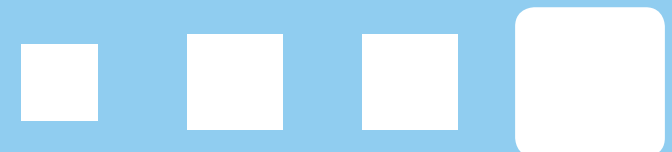
**HEMISPHERICAL**



**BS-40** **BS-25** **BS-27\*** **BS-07\*** **BS-10\*** **BS-12\*** **BS-22\*** **BS-02\*** **BS-15** **BS-08** **BS-39**

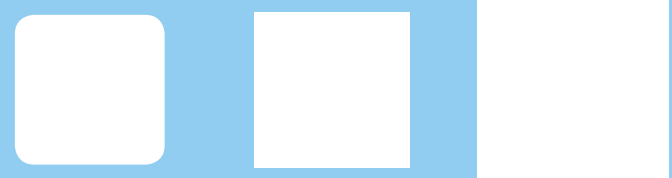
HEIGHT: ↑ .062" (1.6mm) ↑ .079" (2.1mm) ↑ .085" (2.2mm) ↑ .085" (2.2mm) ↑ .118" (3.0mm) ↑ .150" (3.8mm) ↑ .211" (5.4mm) ↑ .200" (5.1mm) ↑ .310" (7.9mm) ↑ .380" (9.7mm) ↑ .075" (1.9mm)  
DIAMETER: ∅ .250" (6.4mm) ∅ .250" (6.4mm) ∅ .312" (7.9mm) ∅ .335" (8.5mm) ∅ .394" (10.0mm) ∅ .375" (9.5mm) ∅ .375" (9.5mm) ∅ .440" (11.1mm) ∅ .620" (15.7mm) ∅ .700" (17.8mm) ∅ .750" (19.1mm)

**SQUARE**



**BS-20** **BS-32** **BS-03** **BS-29**

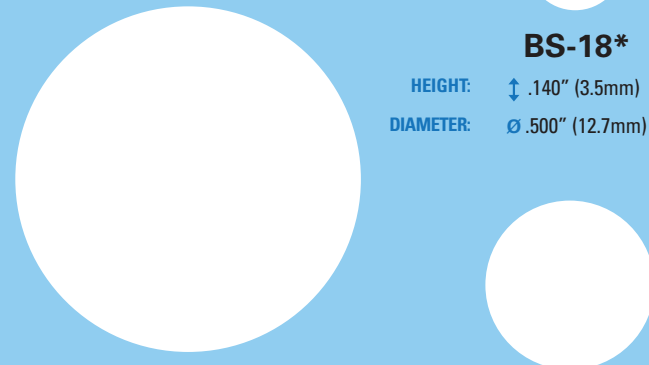
HEIGHT: ↑ .100" (2.5mm) ↑ .120" (3.0mm) ↑ .230" (5.8mm) ↑ .250" (6.4mm)  
WIDTH: ∓ 1.400" (10.2mm) ∓ 1.500" (12.7mm) ∓ 1.500" (12.7mm) ∓ 1.780" (19.8mm)



**BS-04** **BS-19** **BS-36**

HEIGHT: ↑ .380" (9.7mm) ↑ .300" (7.6mm) ↑ .180" (4.6mm)  
WIDTH: ∓ 1.780" (19.8mm) ∓ 1.810" (20.6mm) ∓ 1.00" (25.4mm)

**RECESSED**



**BS-18\***

HEIGHT: ↑ .140" (3.5mm)  
DIAMETER: ∅ .500" (12.7mm)

**BS-17**

HEIGHT: ↑ .600" (15.2mm)  
DIAMETER: ∅ 1.810" (46.0mm)

HEIGHT: ↑ .400" (10.2mm)  
DIAMETER: ∅ .880" (22.3mm)

**CONICAL**



**BS-37** **BS-47**

HEIGHT: ↑ .560" (14.2mm) ↑ .750" (19.1mm)  
DIAMETER: ∅ .720" (18.3mm) ∅ .750" (19.1mm)

**BS-57**

HEIGHT: ↑ .886" (22.5mm)  
DIAMETER: ∅ .787" (20.0mm)

## GENERAL INFORMATION

- Easy "Peel-Off" Application
- Superior Abrasion Resistance
- Vibration and Shock Dampening
- Superb Coefficient of Friction and Resistance to Skidding
- UL Recognized Components
- Crack-Resistant and Resilient
- Non-Staining and Non-Marring
- RoHS and WEEE compliant

## COLOR OPTIONS

### STANDARD COLORS: *Clear & Black*

These are our most popular bumpers. Every bumper is available in clear and black. The crystal clear bumper blends in to any surface and is nearly invisible when applied.

### ADDITIONAL COLORS: *White, Brown & Grey*

Most bumpers are stocked in every color and are ready for shipment. However, colors are inventoried based on popularity. Please call to confirm availability of white, brown and grey. There is no additional charge for clear or pigmented bumpers.



## SOFT DUROMETER

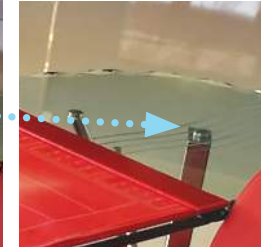
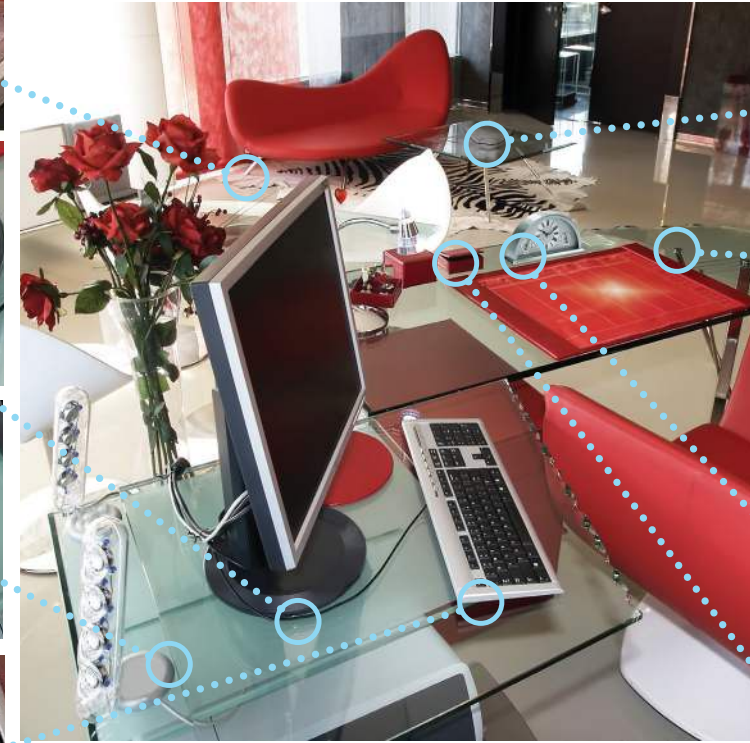
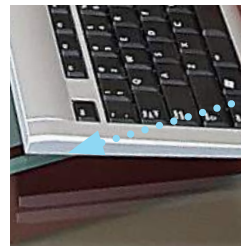
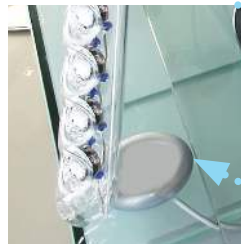
### Soft Durometer Options Available for Sound Dampening

Our Soft Durometer (SD) Bumpers have been specifically engineered to provide the quietest close available for any cabinet door, drawer, or enclosure. The Soft Durometer product helps preserve the life of the hardware by cushioning the impact and preventing loud slamming.

*Great for cabinets and drawers!*

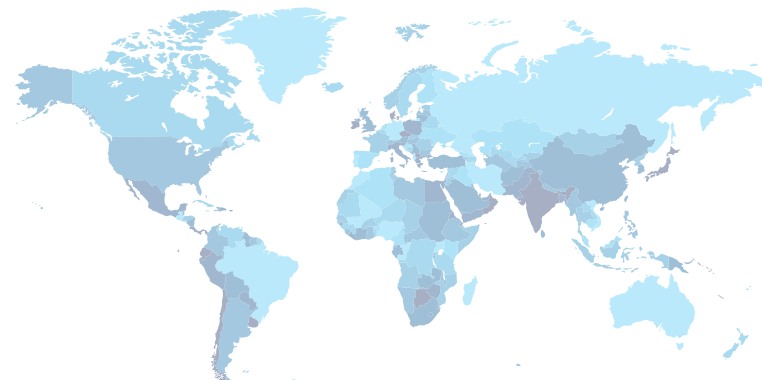


*Bumpers can be utilized on countless products in one room, while remaining virtually unseen.*



Bumper Specialties self-adhesive bumpers can be applied to any object that needs protection or stabilization. Not only will they hold products in place, but they will also prevent surface scratching, reduce vibration, and dampen noise when opening or closing objects. These benefits will preserve and extend the life of a product.

## INTERNATIONAL SHIPPING



**Bumper Specialties, Inc. is a global supplier of self-adhesive polyurethane bumpers with experience in international trading and shipping rules.**

## ADHESIVE SYSTEMS

### BSI-94 High Performance Acrylic Adhesive (Must be specified when ordering)

**ADHESIVE TYPE:** Solvent Based, Low Temperature, High Shear, Quick Stick

**SUBSTRATE:** 2 mils polyester substrate on a 90 lb release liner, PE coated, bleached, super-bright white Kraft liner.

TYPICAL PROPERTIES		
Static Shear Test		500+ hours* [PSTC**-07 Procedure A / ASTM*** B 3654]
Quick Tack-Stainless Steel		77 oz/in <sup>2</sup> (338 g/cm <sup>2</sup> )
Peel Adhesion		64 oz/in (714 g/cm) [PSTC-3** / ASTM*** D 3330]
Substrate:	Thickness	2 mils (50 microns)
	Basis Weight	10,000 in <sup>2</sup> /lb (142,230 cm <sup>2</sup> /kg) typical value
	Tensile Strength	28,000 psi MD (1,900,000 g/cm <sup>2</sup> )
Liner:	Thickness	6.2 mils (158 microns)
	Basis Weight	92.0 lb (151 g/m <sup>2</sup> )
Temperature:	Application	65°F — 150°F (18°C — 65.6°C)
	End Use	-40°F — 300°F (-40°C — 149°C)
Substrate Elongation		120% MD
Shelf Life		24 months based on accelerated aging
Storage		73.4°F (23°C) and 55% relative humidity

### BSI-95 Aggressive Synthetic Rubber Adhesive (Standard Adhesive)

**ADHESIVE TYPE:** Solvent Based, High Shear

**SUBSTRATE:** 2 mils polyester substrate on a 90 lb release liner, PE coated, bleached, super-bright white Kraft liner.

TYPICAL PROPERTIES		
Static Shear Test		300+ hours* [PSTC**-07 Procedure A / ASTM*** B 3654]
Quick Tack-Stainless Steel		144 oz/in <sup>2</sup> (633 g/cm <sup>2</sup> )
Peel Adhesion		160 oz/in (1785 g/cm) [PSTC-3** / ASTM*** D 3330]
Substrate:	Thickness	2 mils (50 microns)
	Basis Weight	10,000 in <sup>2</sup> /lb (142,230 cm <sup>2</sup> /kg) typical value
	Tensile Strength	28,000psi MD (1,900,000 g/cm <sup>2</sup> )
Liner:	Thickness	6.2 mils (158 microns)
	Basis Weight	92.0 lb (151 g/m <sup>2</sup> )
Temperature:	Application	65°F — 150°F (18°C — 65.6°C)
	End Use	0°F — 180°F (-18°C — 82.2°C)
Substrate Elongation		120% MD
Shelf Life		24 months based on accelerated aging
Storage		73.4°F (23°C) and 55% relative humidity

Adhesive testing for the acrylic and synthetic rubber was conducted using a polyester carrier. This information sheet is for typical values and is not a specification. End user assumes the responsibility for suitable testing and approval of this product's functionality. Adhesives are resistant to water and detergents. Not recommended for use with aliphatic or aromatic hydrocarbons.

\*Maximun adhesion achieved after 24 hours \*\*Pressure Sensitive Tape Council \*\*\*American Society for Testing Materials

## POLYURETHANE

The results of the physical test performed on Bumper Specialties' polyurethane material are summarized in the table below. Please note, these tests were performed on hand mixed samples and the values are averaged. Values obtained from machine mixed samples would be better due to improved mixing and reduction or elimination of entrapped air.

TEST METHOD	STANDARD DUROMETER	SOFT DUROMETER
Tensile Strength, psi (g/cm <sup>2</sup> )	627 (44,082)	750 (52,730)
Elongation, %	192	607
Tear Strength, pli (g/cm)	214 (38,216)	127 (22,680)
Hardness, Shore A	60 — 70	45 — 55
Bashore Rebound, %	27	35
Abrasion Resistance, g/1000 cycles Tabor H18, 1kg	0.016	0.010
QUV (500 hours)	Slight Yellowing	No Data Available

*UL-94 HBF TESTING:	PASSES:
Self extinguishing time, seconds	66.6 not heat aged — 72.0 heat aged
Self extinguishing length, inches	0.62 not heat aged — 0.52 heat aged
Burn rate, inches per minute	0.02 not heat aged — no data available

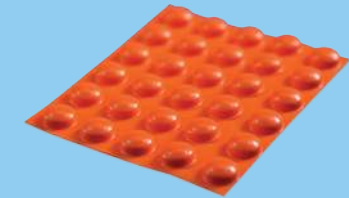
**Dimension Tolerance: ±0.020" (0.5mm)**

\*This data is based on laboratory flammability tests and should not be used to predict performance under actual fire conditions. Due to the many varying applications for our products, we recommend performing suitability tests on the original materials before use in each case. Our applications engineering service is available for you to consult.

## CAPABILITIES AND SERVICES

### CUSTOM SHAPES AND COLORS

We are the only company that provides full engineering support to help you design a bumper to meet your particular needs. Our staff will thoroughly work with your company through the completion of your project. A one-time charge for tooling and set-up applies. Your final cost will be consistent with our existing line of bumpers.



### SPECIAL DIE-CUT SHEETS

- Capable of converting our bulk sheets into smaller pads
- Example: 200pcs/pad can be cut to 4pcs/pad
- Allows for ease of handling for operators
- Smaller sizes for DIY kit implementation
- Manageable sizes
- Exact number of bumpers for your end use product

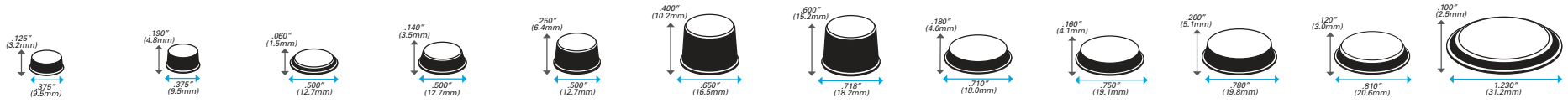


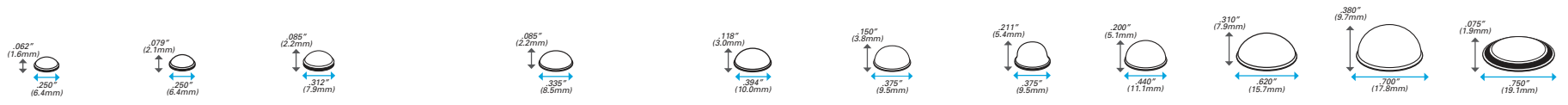
### BAGGING

- We can package and bag your parts
- Many customizable options like barcodes or logos
- Colored and printed bags available
- Small pads or sheets can be packaged
- Please contact us for your needs



# PACKAGING AND WEIGHT INFORMATION

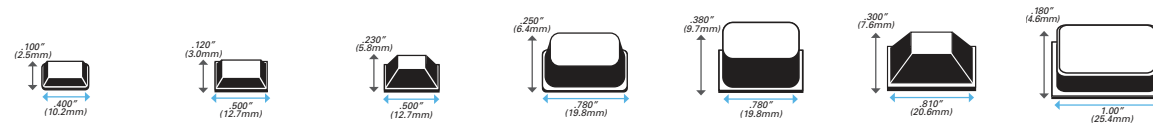
														
		BS-34*	BS-35	BS-05	BS-01*	BS-06	BS-11	BS-28	BS-45	BS-44	BS-41	BS-24	BS-72	
CYLINDRICAL	BOXES	Pieces/Box	6,000	5,000	5,000	5,000	5,000	2,560	1,372	2,450	2,450	3,360	2,520	2,400
	Weight	5 lbs	6 lbs	4 lbs	7 lbs	10 lbs	12 lbs	10 lbs	8 lbs	8 lbs	14 lbs	9 lbs	17 lbs	
	Box Size	C	A	C	A	B	B	B	A	A	B	A	B	
SHEETS	Pieces/Sheet	300	200	200	200	200	128	98	98	98	84	72	32	
	Layout	12 x 25	10 x 20	10 x 20	10 x 20	10 x 20	8 x 16	7 x 14	7 x 14	7 x 14	7 x 12	6 x 12	4 x 8	
	Sheets/Box	20	25	25	25	25	20	14	25	25	40	35	75	

																		
		BS-40	BS-25	BS-27*	BS-07*		BS-10*	BS-12*		BS-22*	BS-02*	BS-15	BS-08	BS-39				
HEMISPHERICAL	BOXES	Pieces/Box	15,028	11,424	5,400	5,400	5,460	5,400	5,460	5,040	7,200	7,200	7,200	6,000	5,802	3,200	2,254	5,040
	Weight	4 lbs	2 lbs	2 lbs	2 lbs	2 lbs	2 lbs	2 lbs	2 lbs	2 lbs	6 lbs	6 lbs	6 lbs	5 lbs	6 lbs	10 lbs	11 lbs	10 lbs
	Box Size	C	C	E	E	E	E	E	E	E	C	A	A	A	A	B	B	A
SHEETS	Pieces/Sheet	578	272	450	450	210	450	210	144	288	288	72	300	242	128	98	84	
	Layout	17 x 34	8 x 34	15 x 30	15 x 30	7 x 30	15 x 30	7 x 30	12 x 12	12 x 24	12 x 24	6 x 12	12 x 25	11 x 12	8 x 16	7 x 14	7 x 12	
	Sheets/Box	26	42	12	12	26	12	26	35	25	25	100	20	21	25	23	60	

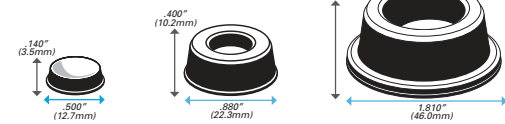
Standard Boxes	Box Size	A	B	C	D	E
	Inches	12.5 x 6.5 x 5.5	12.5 x 6.5 x 9.5	12.5 x 6.5 x 3.75	20 x 13 x 6.5	12.5 x 6.75 x 1.5
	Centimeters	31.75 x 16.51 x 13.97	31.75 x 16.51 x 24.13	31.75 x 16.51 x 7.62	50.8 x 33.02 x 16.51	31.75 x 17.15 x 3.81



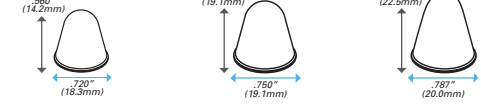
# PACKAGING AND WEIGHT INFORMATION




		BS-20	BS-32	BS-03	BS-29	BS-04	BS-19	BS-36	
<b>SQUARES</b>	<b>BOXES</b>	Pieces/Box	5,082	5,000	5,000	2,940	2,000	2,646	2,310
		Weight	5 lbs	7 lbs	10 lbs	15 lbs	17 lbs	14 lbs	18 lbs
		Box Size	C	A	B	B	B	B	B
	<b>SHEETS</b>	Pieces/Sheet	242	200	200	98	1	98	55
		Layout	11 x 22	10 x 20	10 x 20	7 x 14	1	7 x 14	5 x 11
		Sheets/Box	21	25	25	30	2,000	27	42



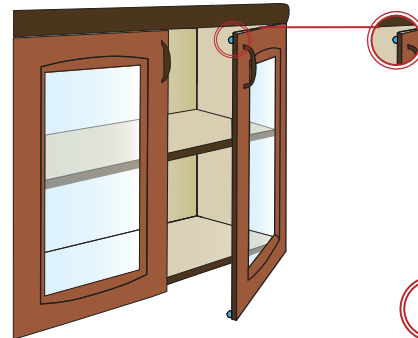
		BS-18*	BS-17	BS-30	
<b>RECESSED</b>	<b>BOXES</b>	Pieces/Box	5,000	1,440	500
		Weight	7 lbs	12 lbs	18 lbs
		Box Size	A	B	D
	<b>SHEETS</b>	Pieces/Sheet	200	72	1
		Layout	10 x 20	6 x 12	1
		Sheets/Box	25	20	500



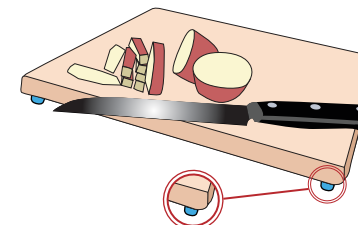
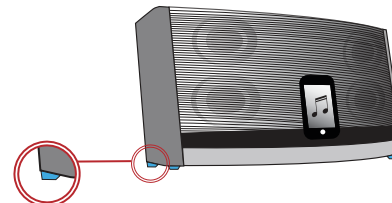
		BS-37	BS-47	BS-57	
<b>CONICAL</b>	<b>BOXES</b>	Pieces/Box	1,500	1,000	1,000
		Weight	7 lbs	8 lbs	9 lbs
		Box Size	A	A	A
	<b>SHEETS</b>	Pieces/Sheet	1	1	1
		Layout	1	1	1
		Sheets/Box	1,500	1,000	1,000

		BS-67-SD*	BS-33-SD*	BS-58-SD*	
<b>SPECIALTY</b>	<b>BOXES</b>	Pieces/Box	7,200	5,000	5,000
		Weight	5 lbs	4 lbs	8 lbs
		Box Size	A	A	A
	<b>SHEETS</b>	Pieces/Sheet	288	200	200
		Layout	12 x 24	10 x 20	10 x 20
		Sheets/Box	25	25	25



*Applies quickly and easily to many different surfaces.*  
Simply peel off the bumper and apply to the area where protection is needed.

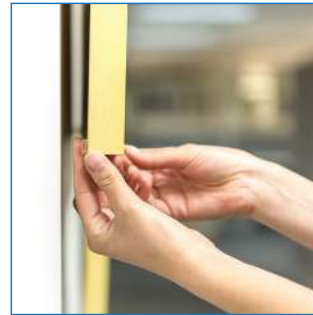


# COUNTLESS APPLICATIONS!

CONNECT WITH US!



*Trophies*



*Picture Frames*



*Glass Shelves*



*Appliances*



*Automotive*



*Door Handles*



*Network Equipment*



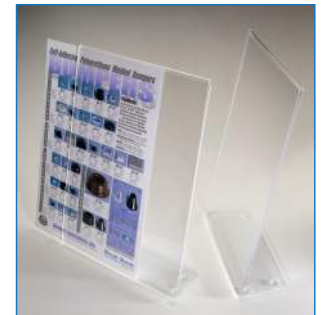
*Audio Equipment*



*Computers*



*Cutting Boards*



*P.O.P. Displays*

*Drawers*



*Cabinets*



Made in the USA