

# FEET AND BUMPERS





# Feet and Bumpers

## SELF-ADHESIVE

With no holes to drill and no screws or rivets needed, self-adhesive bumpers will save you time and money. Kiss-cut for easy application, they simply peel off and press onto almost any smooth surface. They are non-marring, non-staining, skid and scratch resistant and they won't harden or crack. Use them as spacers, feet, cushions, protectors, vibration and shock absorbers.

Typical applications: glass and wood doors and drawers, small appliances, telephones, furniture, desktop and office equipment, housewares, advertising displays, wall protectors.

Bonding surface guide: aluminum, ceramic, formica, painted surfaces, glass, steel, polyethylene, polypropylene, polystyrene and rigid vinyl.

Rubber-based adhesive is stocked

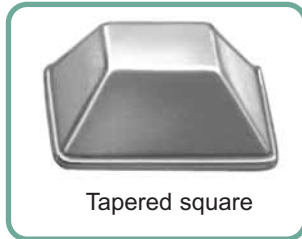
and acrylic-based is available. (High surface energy plastics such as formica, acrylic and polycarbonates adhere best to acrylic-based adhesives. Low surface energy plastics such as polyethylene and polypropylene will adhere best to rubber-based adhesives.)

Call for a quote on special shapes and colours available.



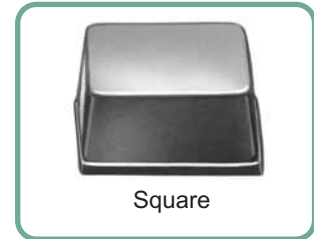
Hemisphere

- U 2
- U 8
- U 15
- U 22
- U 25
- U 39
- U 40
- U 41
- U 42
- U 42SD



Tapered square

- U 3
- U 19
- U 29
- U 32



Square

- U 4
- U 7
- U 36



Circular Depression

- U 17
- U 18
- U 30



Tapered Conical

- U 37
- U 47
- U 57



Cylindrical

- U 1
- U 1SD
- U 5
- U 6
- U 11
- U 24
- U 34
- U 35
- U 410
- U 44
- U 72



Silent Closing Pyramid

- U 33

Continued



# Feet and Bumpers

## SELF-ADHESIVE CONTINUED

Part No.	Height	Width	Description	3M Equivalent	Pcs. per Pad
U 1	.14	.50 dia	Cylindrical	SJ 5012/5001/5312	200
U 1SD	.14	.50 dia	Soft Duro Cylindrical		200
U 2	.20	.44 dia	Hemisphere	SJ 5003/5303	242
U 3	.23	.50 sq	Tapered Square	SJ 5018	200
U 4	.38	.78 sq	Square		1
U 5	.06	.50 dia	Cylindrical		200
U 6	.25	.50 dia	Cylindrical		200
U 7	.10	.40 sq	Square	SJ 5007	242
U 8	.38	.70 dia	Hemisphere	SJ 5017	98
U 11	.40	.65 dia	Cylindrical		128
U 15	.31	.62 dia	Hemisphere	SJ 5027	128
U 17	.40	.88 dia	Circular depression	SJ 5009	72
U 18	.14	.50 dia	Circular depression		200
U 19	.30	.81 sq	Tapered square	SJ 5023	98
U 22	.21	.375 dia	Hemisphere		300
U 24	.12	.81 dia	Cylindrical		72
U 25	.079	.250 dia	Hemisphere		450
U 29	.25	.78 sq	Tapered Square		98
U 30	.60	1.81 dia	Circular depression	SJ 5532	1
U 32	.12	.50 sq	Tapered square	SJ 5008	200
U 33	.15	.50 sq	Special Tapered Sq.		200
U 34	.125	.375 dia	Cylindrical		300
U 35	.19	.37 dia	Cylindrical		200
U 36	.18	1.00 sq	Square		55
U 37	.56	.72 dia	Tapered conical		1 or 4
U 39	.08	.75 dia	Hemisphere		84
U 40	.06	.25 dia	Hemisphere		578
U 41	.09	.33 dia	Hemisphere	SJ 5302	450
U 410	.20	.78 dia	Cylindrical		84
U 42	.15	.38 dia	Hemisphere	SJ 5306	200
U 42SD	.15	.38 dia	Soft Duro Hemisphere		200
U 44	.16	.75 dia	Cylindrical		98
U 47	.75	.75 dia	Tapered conical		1 or 4
U 57	.886	.787 dia	Tapered conical		1 or 4
U 72	.100	1.230 dia	Cylindrical		32

**Minimum order 1000.**

**Stock colours: Black or clear.**

**White, brown and gray available in carton quantity only.**

Tolerance all dimensions:  $\pm 0.020$

Technical data: see page 76.

U 33 not recommended as weight bearing.

User should evaluate product suitability for a specific application under actual use conditions.



# Feet and Bumpers CONTINUED

## SELF-ADHESIVE BUMPERS – TECHNICAL DATA

**Adhesive:** High adhesion, rubber-based pressure sensitive OR high performance, acrylic-based pressure sensitive.

**Bumper:** Formulated polyurethane polymer (contains no plasticizers).

**Application Temperature:** 50 to 100°F (10 to 38°C).

**Service Temperatures:** Range -20 to 140°F (-29 to 60°C). The adhesive will show reduced shear properties at elevated temperatures.

**Recommended storage guidelines:**

Temperature range 40 to 75°F (4 to 24°C)

Humidity range 40 to 60%

**Surface Preparation:**

Surface to which bumper adhesive is applied must be clean, dry and free of grease, wax, dust and oil to obtain maximum adhesion. Clean surfaces with low strength solvents such as isopropyl alcohol or Heptane. When applying bumper to surface it's important to apply a sufficient amount of pressure to assure optimum adhesion.

**Shelf life:** Adhesive properties should not change for one year if stored at recommended storage guidelines. Lighter colour and clear bumpers may show some darkening or yellowing.

Test Data on Adhesive		Acrylic Based	Rubber Based	Test Method
<b>Physical Properties</b>	Quick Tack, lbs./in <sup>2</sup> Stainless Steel	5.0	10.0	Loop Tack
	Peel adhesion, lbs./in. Stainless Steel – 30 minute residence	5.0	6.0	PSTC-3
	24 hr. residence	6.0	6.5	
	Shear, Hours to fail Stainless Steel - 2# at 73°F	30	500+	PSTC-7
<b>Thickness (inches)</b>	Carrier plus adhesive	.003	.003	
<b>Temperature Ranges</b>	Application:	40°F - 150°F	40°F - 150°F	
	End use:	0°F - 250°F	0°F - 180°F	

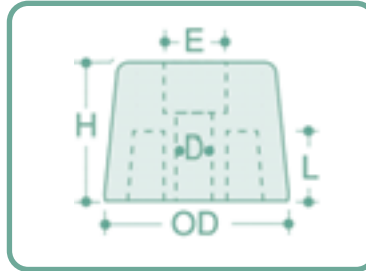
**Note:** Values given are typical unless otherwise noted and are not for use in specification. These properties were run on sheet material made from the same materials as the bumpers. User should evaluate product suitability for a specific application under actual use conditions.

*Find more glide possibilities on pages 36–37.*



# Feet and Bumpers CONTINUED

## TPE SERIES (Thermoplastic Elastomer - 75 Durometer - Non-skid)



For appliances, electronics, furniture, lids, cabinets, etc.

**Please specify colour when ordering.**

Part No.	Colours	H	OD	D	Screw Size	L	E	Carton Qty.
BP 421	Bl./Wh.	1/4	1/2	5/32	6	1/8	9/32	10,000
BP 447	Br.	5/16	1	3/16	8	1/8	19/32	6,000
BP 426	Bl./Wh.	13/32	3/4	5/32	6	5/32	5/16	9,000
BP 423	Bl./Wh.	7/16	5/8	5/32	6	1/4	21/64	12,000
BP 448	Bl./Wh.	7/16	1-1/32	11/64	8	5/32	19/32	4,600

Minimum order 1000.

## HDPE SERIES

Part No.	Colours	H	OD	D	Screw Size	L	E	Carton Qty.
BP 943	Bl./Wh.	3/8	3/4	5/32	6	1/4	3/8	10,000
BP 965	Bl.	1/2	7/8	3/16	8	3/8	3/8	5,500
BP 962	Bl.*	5/8	7/8	3/16	8	3/16	3/8	5,000
BP 944	Bl.	5/8	1-1/64	13/64	10	5/16	17/32	6,400
BP 946	Bl.	3/4	1-1/8	13/64	10	5/16	17/32	4,600
BP 967	Bl.	1	1-1/8	1/4	12	9/16	15/32	5,400
BP 970	Bl.	1-1/2	1-1/8	1/4	12	9/16	1/2	4,800

Minimum order 1000 (except BP 943—min. 10,000).

\*textured.

