

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

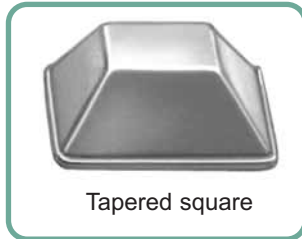
and acrylic-based is available. (High surface energy plastics such as formica, acrylic and polycarbonates adhere best to acrylic-based adhesives. Low surface energy plastics such as polyethylene and polypropylene will adhere best to rubber-based adhesives.)

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: ± 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 |
|----------------------------|---|---------------|--------------|-------------|
| Physical Properties | Quick Tack, lbs./in ² 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 |
| Thickness (inches) | Carrier plus adhesive | .003 | .003 | |
| Temperature Ranges | Application: | 40°F - 150°F | 40°F - 150°F | |
| | End use: | 0°F - 250°F | 0°F - 180°F | |

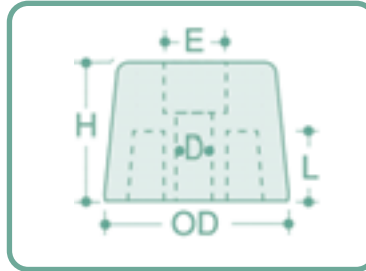
Note: Values given are typical unless otherwise noted and are not for use in specification. These properties were run on sheet material made from the same materials as the bumpers. User should evaluate product suitability for a specific application under actual use conditions.

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.

