

3M™ Bumpon™ Protective Products – Resilient Rollstock Products

Product	Color	Tape Construction		Product Hardness ASTM D-2240	Adhesive Type and Thickness mils (mm)	Liner Type and Thickness mils (mm)	Adhesion to Steel oz./0.5 in.	Comments
		Backing Facestock	Caliper mils ⁴ (mm)					
5200 Series³								
SJ5200	Light brown	Polyurethane Foam	125 (3.2)	25 Shore A	Synthetic Rubber (R-25) 2.0 (0.05)	60# Paper ² 3.6 (0.09)	55	UL 94HB recognized.
SJ5216	Light brown	Polyurethane Foam	62 (1.6)	25 Shore A	Synthetic Rubber (R-25) 2.0 (0.05)	60# Paper ² 3.6 (0.09)	55	UL 94HB recognized.
5600 Series³								
SJ5616	Clear	Clear Polyurethane	62 (1.6)	70 Shore A	Acrylic (A-20) 1.0 (0.03)	80# Paper ¹ 4.8 (0.12)	25	Clear rollstock, great where invisible die-cuts are needed.
SJ5632	Clear	Clear Polyurethane	31 (0.8)	70 Shore A	Acrylic (A-20) 1.0 (0.03)	80# Paper ¹ 4.8 (0.12)	25	Clear rollstock, great where invisible die-cuts are needed.
5800 Series³								
SJ5808	Black, Brown	Polyurethane	125 (3.2)	70 Shore A	Natural Rubber (R-30) 3.6 (0.09)	60# Paper ² 2.0 (0.05)	22	UL 94HB recognized.
SJ5816	Black, Brown	Polyurethane	62 (1.6)	70 Shore A	Natural Rubber (R-30) 3.6 (0.09)	60# Paper ² 2.0 (0.05)	22	UL 94HB recognized.
SJ5832	Black, Brown	Polyurethane	31 (0.8)	70 Shore A	Natural Rubber (R-30) 3.6 (0.09)	60# Paper ² 2.0 (0.05)	22	UL 94HB recognized.
5900 Series³								
SJ5904	Black	Polyurethane Foam	250 (6.4)	36 Shore A	Acrylic (A-20) 4.8 (0.12)	80# Paper ¹ 2.0 (0.05)	25	UL 94HB recognized, except for SJ5916.
SJ5908	Black	Polyurethane Foam	125 (3.2)	36 Shore A	Acrylic (A-20) 4.8 (0.12)	80# Paper ¹ 2.0 (0.05)	25	UL 94HB recognized, except for SJ5916.
SJ5916	Black	Polyurethane Foam	62 (1.6)	36 Shore A	Acrylic (A-20) 4.8 (0.12)	80# Paper ¹ 2.0 (0.05)	25	UL 94HB recognized, except for SJ5916.
6000 Series³								
SJ6008	Black, Brown	Polyurethane	125 (3.2)	70 Shore A	Acrylic (A-20) 4.8 (0.12)	80# Paper ¹ 2.0 (0.05)	25	UL 94HB recognized.
SJ6016	Black, Brown	Polyurethane	62 (1.6)	70 Shore A	Acrylic (A-20) 4.8 (0.12)	80# Paper ¹ 2.0 (0.05)	25	UL 94HB recognized.
SJ6032	Black, Brown	Polyurethane	31 (0.8)	70 Shore A	Acrylic (A-20) 4.8 (0.12)	80# Paper ¹ 2.0 (0.05)	25	UL 94HB recognized.
6200 Series³								
SJ6208	Black	Polyurethane	125 (3.2)	70 Shore A	Synthetic Rubber (R-25) 2.0 (0.05)	60# Paper ² 3.6 (0.09)	55	Fast bonding, permanent adhesion. UL 94HB recognized.
SJ6216	Black	Polyurethane	62 (1.6)	70 Shore A	Synthetic Rubber (R-25) 2.0 (0.05)	60# Paper ² 3.6 (0.09)	55	Fast bonding, permanent adhesion. UL 94HB recognized.
SJ6232	Black	Polyurethane	31 (0.8)	70 Shore A	Synthetic Rubber (R-25) 2.0 (0.05)	60# Paper ² 3.6 (0.09)	55	Fast bonding, permanent adhesion. UL 94HB recognized.
TPE (Thermoplastic Elastic Elastomer) Santoprene™ Rollstock								
SJ6808	Black	Extruded TPE	122 (3.1)	64 Shore A	Acrylic 4.0 (0.10)	PET 3 (0.07)	90	Economical, easy to die cut and press, ready for converting.
SJ6816	Black	Extruded TPE	62 (1.5)	64 Shore A	Acrylic 4.0 (0.10)	PET 3 (0.07)	80	Economical, easy to die cut and press, ready for converting.
SJ6832	Black	Extruded TPE	28 (0.7)	64 Shore A	Acrylic 4.0 (0.10)	PET 3 (0.07)	80	Economical, easy to die cut and press, ready for converting.

¹ 80# (lb./ream) white silicone coated paper with printed 3M Bumpon Logo.

² 60# (lb./ream) white silicone coated paper with printed 3M Bumpon Logo.

³ Service Temperature Range: -30°F (-34°C) to 150°F (66°C) and up to 225°F (107°C) intermittent exposure.

⁴ 1 mil = .001 inches

NOTE: This technical information and data should be considered representative or typical only and should not be used for specification purposes.



3M™ Bumpon™ Protective Products – Resilient Rollstock

Resilient Rollstock Features	5800 series	5600 series 5900 series 6000 series	6200 series
Adhesive	Natural Rubber (R-30)	Acrylic (A-20)	Synthetic Rubber (R-25)
Adhesion (Peel) Low Surface Energy High Surface Energy	Good Good	Poor Good	Excellent Excellent
Static Shear 75°F 120°F 158°F	Excellent Fair Poor	Excellent Excellent Excellent	Excellent Good Fair
Initial Adhesion Low Surface Energy High Surface Energy	Good Good	Poor Fair	Excellent Excellent
Adhesion Buildup	Some	Gradual	Some
Solvent Resistance	Good	Excellent	Good
Age Life	Good	Excellent	Good

Series	Product	Tape Construction		Color	Comments	Adhesive		Liner		Product Hardness oz./0.5 inch ASTM-D 2240	Adhesion to Steel oz./0.5 in.	Master Size	Specs
		Caliper Mils	Backing (Facestock)			Type	Thickness Mils	Type	Thickness Mils				
5600 <i>Acrylic</i>	SJ5632	31	Polyurethane	Clear	“Clear” Rollstock great where “invisible” die cuts are needed.	Acrylic A-20	1.0	80# Paper	4.8	70 Shore A	25	9” x 72 yd 9” x 36 yd	UL
	SJ5616	62											
	SJ5608	125											
5800 <i>Natural Rubber</i>	SJ5832	31	Polyurethane	Black, Brown	UL 94HB recognized.	Natural Rubber R-30	2.0	60# Paper	3.6	70 Shore A	22	13.5” x 72 yd 13.5” x 36 yd	UL
	SJ5816	62											
	SJ5808	125											
5900 <i>Acrylic</i>	SJ5916	62	Polyurethane Foam	Black	UL 94HB recognized, except for SJ5916.	Acrylic A-20	2.0	80# Paper	4.8	36 Shore A	25	13.5” x 36 yd 13.5” x 18 yd	UL
	SJ5908	125											
	SJ5904	250											
6000 <i>Acrylic</i>	SJ6032	31	Polyurethane	Black, Brown	UL 94HB recognized.	Acrylic A-20	2.0	80# Paper	4.8	70 Shore A	25	13.5” x 72 yd 13.5” x 36 yd	UL
	SJ6016	62											
	SJ6008	125											
6200 <i>Synthetic Rubber</i>	SJ6232	31	Polyurethane	Black	Fast bonding, permanent adhesion. UL 94HB recognized.	Synthetic Rubber R-25	2.0	60# Paper	3.6	70 Shore A	55	9” x 72 yd 9” x 36 yd	UL
	SJ6216	62											
	SJ6208	125											
6800 <i>Acrylic</i>	SJ6808	122	Extruded TPE	Black	Economical, easy to die cut and press, ready for converting.	Acrylic	4.0	PET	3.0	64 Shore A	90	18” x 18 yd	
	SJ6816	62									80	18” x 36 yd	
	SJ6832	28									80	18” x 72 yd	

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3M™ Bumpon™ Protective Products – Molded Products

Product	Color	Adhesive ¹	Shape	Width in. (mm)	Height in. (mm)	Hardness (Shore A)	Comments
Quiet Clear							
SJ6506	Clear	R-25	Hemisphere	0.375 (9.5)	0.150 (3.8)	55	Clear, sound damping properties.
SJ6512	Clear	R-25	Cylindrical	0.500 (12.7)	0.140 (3.5)	55	Clear, sound damping properties.
SJ6553	Clear	R-25	Hexagonal Cone	0.433 (11.0)	0.120 (3.1)	55	Clear, sound damping properties.
SJ6561	Clear	R-25	Hexagonal Hemisphere	0.433 (11.0)	0.150 (3.8)	55	Clear, sound damping properties.
Cylindrical							
SJ5001	Black	R-30	Cylindrical	0.500 (12.7)	0.145 (3.6)	70	Concave top. Good load bearing capacity.
SJ5012	White, Gray, Brown, Black	R-30	Cylindrical	0.500 (12.7)	0.140 (3.6)	70	Versatile foot style for use on high-energy surfaces.
SJ5076	Black	R-30	Cylindrical	0.315 (8.0)	0.110 (2.8)	70	Flat top, nonskid for appliances and electronics.
SJ5312	Transparent	A-20	Cylindrical	0.500 (12.7)	0.140 (3.6)	75	Universal color matching. Nonslip. Ideal for picture framing.
SJ5744	Black	R-30	Cylindrical	0.750 (19.1)	0.160 (4.1)	70	Excellent load bearing capacity.
SJ6112	Black	R-25	Cylindrical	0.500 (12.7)	0.140 (3.6)	70	Versatile foot style, best for low-energy materials.
Hemisphere							
SJ5003	White, Gray, Brown, Black	R-30	Hemisphere	0.440 (11.2)	0.200 (5.1)	70	Good energy absorption on impact.
SJ5006	White, Gray, Brown, Black	R-30	Hemisphere	0.375 (9.5)	0.150 (3.8)	70	Works well as cushioning stop.
SJ5009	Black, White, Gray, Brown	R-30	Hemisphere	0.880 (22.4)	0.400 (10.2)	70	Protects wall from door knob.
SJ5017	White, Black, Gray, Brown	R-30	Hemisphere	0.750 (19.1)	0.380 (9.7)	70	Recessed center, like screw-in bumper.
SJ5027	Black, Gray, Brown	R-30	Hemisphere	0.630 (16.0)	0.312 (7.9)	70	Cushions heavier items like glass or liftgate.
SJ5302	Transparent	A-20	Hemisphere	0.312 (7.9)	0.085 (2.2)	75	For feet on small electronics.
SJ5306	Transparent	A-20	Hemisphere	0.375 (9.5)	0.150 (3.8)	75	Smaller, energy absorbing with small contact point.
SJ5382	Transparent	A-20	Hemisphere	0.250 (6.4)	0.075 (1.9)	75	Smaller contact point for energy absorption.
SJ5532	White, Black	R-30	Hemisphere	1.880 (47.8)	0.660 (16.8)	70	Large, ideal for door stops.
Hexagon							
SJ5077	Black	R-30	Hexagonal Width Flat Top	0.750 (19.1)	0.160 (4.1)	70	Smallest hemisphere for appliances and electronics feet use.
SJ5201	Light Brown	R-25	Hexagon Die-cut	0.433 (11.0)	0.125 (3.2)	25	Unique with round flat top.
SJ5202	Light Brown	R-25	Hexagon Die-cut	0.433 (11.0)	0.063 (1.6)	25	Soft foam with quick stick R-25 adhesive for cabinets.
Square							
SJ5007	White, Black	R-30	Tapered Square	0.413 (10.4)	0.098 (2.5)	70	Nested on pad for fast removal.
SJ5008	White, Gray, Brown, Black, Transparent	R-30	Tapered Square	0.500 (12.7)	0.125 (3.1)	70	Popular, thin nonskid for appliances or electronics.
SJ5018	White, Gray, Black, Brown	R-30	Tapered Square	0.500 (12.7)	0.230 (5.8)	70	Larger height, smaller top surface for heat dissipation.
SJ5023	White, Gray, Brown, Black	R-30	Tapered Square	0.812 (20.6)	0.300 (7.6)	70	For larger appliances and electronics.
SJ5514	Black, White, Gray, Brown	R-30	Tapered Square	0.812 (20.6)	0.520 (13.2)	70	Larger, high profile for heat dissipation.
SJ5705	Black	R-30	Tapered Square	1.280 (32.4)	0.250 (6.4)	70	Larger, low profile for heavier appliances.
Printed Circuit Board Spacers							
SJ61A1	Black	R-25	Cylindrical	0.312 (7.9)	0.200 (5.1)	70	Shape for PCB spacer applications.
SJ61A3	Black	R-25	Cylindrical	0.375 (9.5)	0.250 (6.35)	70	Shape for PCB spacer applications.
SJ61A4	Black	R-25	Cylindrical	0.375 (9.5)	0.311 (7.9)	70	Shape for PCB spacer applications.
SJ61A8	Black	R-25	Cylindrical	0.375 (9.5)	0.135 (3.4)	70	Shape for PCB spacer applications.
Top-Hat							
SJ6115	Black	R-25	Cylindrical	0.625 (15.9)	0.187 (4.75)	70	Flat top use for recesses.
SJ6125	Black	R-25	Hemisphere	0.625 (15.9)	0.250 (6.35)	70	Resists shear and removal.
Easy Slide							
SJ6344	Black	R-25	Cylindrical	0.750 (19.0)	0.160 (4.0)	80	Use for low friction.

¹A-20: *Acrylic* - high strength adhesion to high energy surface. R-25: *Synthetic Rubber* - ideal for low surface energy substrates. R-30: *Natural Rubber* - excellent adhesion to a wide variety of surfaces.

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