

3M™ Bumpon™ Protective Products Resilient Rollstock.

Product selection guide.

Product number	SJ5616	SJ5632	SJ5801	SJ5808	SJ5816	SJ5832	SJ5904	SJ5908	SJ5916	SJ6005	SJ6008	SJ6016	SJ6032	SJ6208	SJ6216	SJ6232	SJ6245
Properties/suitable for	Transparent polyurethane (solid) with acrylic adhesive.		Black polyurethane (solid) with natural rubber adhesive.		Black or white polyurethane (solid) with natural rubber adhesive.		Black polyurethane (foam) with acrylic adhesive.			Black polyurethane (solid) with acrylic adhesive.			Black or white polyurethane (solid) with synthetic rubber adhesive.				
Key features	Excellent temperature and solvent resistance.		Also good for low surface energy substrates, versatile adhesive that works well on most surfaces.				Excellent temperature and solvent resistance.			Excellent temperature and solvent resistance.			Very high tack adhesive, excellent initial adhesion.				

Physical and performance characteristics, key features

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Total thickness [mm]	1.6	0.8	1	3.2	1.6	0.8	6.4	3.2	1.6	5.0	3.2	1.6	0.8	3.2	1.6	0.8	0.6		
Total thickness [inches]	1/16	1/32	3/64	1/8	1/16	1/32	1/4	1/8	1/16	1/5	1/8	1/16	1/32	1/8	1/16	1/32	1/45		
Adhesive type	Acrylic A-20		Natural rubber R-30				Acrylic A-20			Acrylic A-20			Synthetic rubber R-25						
Colour	Clear	Clear	Black	Black	Black and white	Black and white	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	White		
Roll widths [mm]	114.3	114.3	114.3	114.3	114.3 342.9 (black)	114.3	114.3	114.3	114.3 228.6	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3		
Roll length [meter]	33	66	66	33	33	66	16	33	33	22	33	33	66	33	33	66	66		
Hardness shore (M) ASTM-D-2240	75	75	72	72	72	72	36	36	40	72	72	72	72	72	72	72	72		
90° Peel adhesion 3M TM-2011	LSE	Poor	Poor	Good	Good	Good	Good	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Excellent	Excellent	Excellent	Excellent	
	HSE	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Excellent	Excellent	Excellent	Excellent
	Polypropylene	*	*	**	**	**	**	*	*	*	*	*	*	*	***	***	***	***	
	Polystyrene	*	*	**	**	**	**	*	*	*	*	*	*	*	***	***	***	***	
	ABS	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	
	Stainless steel	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	
	Aluminum	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	
Glass	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**		
Tensile, lb/in.2 (KPa) ASTM-D-412, Die A	740 (5100)	740 (5100)	600 (4140)	600 (4140)	600 (4140)	600 (4140)	120 (830)	120 (830)	120 (830)	600 (4140)	600 (4140)	600 (4140)	600 (4140)	600 (4140)	600 (4140)	600 (4140)	600 (4140)		
Static shear 25°C (75°F)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent		
Static shear 70°C (158°F)	Excellent	Excellent	Poor	Poor	Poor	Poor	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Fair	Fair	Fair	Fair	
Adhesive solvent resistance	Excellent	Excellent	Good	Good	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Good	Good	Good	
Flammability listing	UL94HB	UL94HB	UL94HB	UL94HB	UL94HB	UL94HB	UL94HBF	UL94HBF	-	UL94HB	UL94HB	UL94HB	UL94HB	UL94HB	UL94HB	UL94HB	UL94HB		
Service temperature	-34°C (-30°F) to 66°C (150°F) ; 107°C (225°F) intermittent exposure																		
Load tolerance	The recommended maximum load which 3M™ Bumpon™ Resilient Rollstock will support is 100 psi (7.03 kg/cm²) at 21°C (70°F) to 49°C (120°F)																		

Suggested applications

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Home	Take the edge off noise and put an end to scratches. Kitchen cabinets, drawers, door knob stops, feet on small kitchen appliances, cutting boards, decorative glass and ceramics objects, picture frames.																
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Electronics	Enable heat dissipation with spacers and stabilise products with non-slip, non-skid feet. Protective feet on devices and small household appliances, gasketing, stand-off, spacers between printed circuit boards.																
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Automotive/aerospace	Quiet buzzes, squeaks, and rattles. Glove box cushioning, boot cushioning, windscreen spacers, head light spacers, sunroof spacers, drink holder assemblies.																
	•	•					•	•	•	•	•	•	•	•	•	•	•
General industrial/office	Protect surfaces, cushion, prevent marring, slippage and shifting. Feet for organisers/awards, cushioning strips on freezers/cold storage units in supermarkets or convenience stores, utensils or tool grip inserts/protectors.																
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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