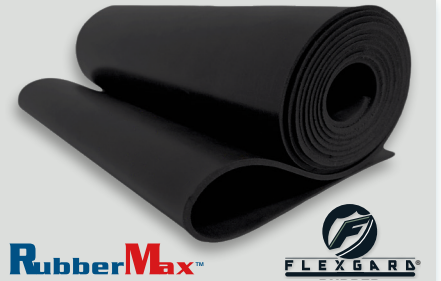


RM Biltrite™ Flexgard® & Rubbermax™ Neoprene Rubber is an excellent general purpose polymer for most uses and applications. It has moderate resistance to oil, gasoline, sunlight, ozone, and oxidizing material. Its temperature range and physical toughness makes it an excellent choice for cold temperature flexibility, abrasion resistance, and repeated flexing applications.

Applications: Electrical insulation, wear-resistant pads, vibration pads, isolation mounts, buffers, diaphragms, industrial matting, water retaining structures, and industrial applications such as gaskets, hoses, and corrosion-resistant coatings.



STYLE #110: FLEXGARD® ECONOMY NEOPRENE

Item ID	Durometer Hardness	Tensile Strength (min)		Elongation	Temperature Range		Color	Finish	Surface
	Shore A (± 5)	psi	MPa	min %	°F	°C			
IR110-40	40	500	3.5	300	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR110-50	50	500	3.5	250	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR110-60	60	500	3.5	200	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR110-70	70	500	3.5	200	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR110-80	80	500	3.5	150	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner

STYLE #125: FLEXGARD® COMMERCIAL NEOPRENE

Item ID	Durometer Hardness	Tensile Strength (min)		Elongation	Temperature Range		Color	Finish	Surface
	Shore A (± 5)	psi	MPa	min %	°F	°C			
IR125-40	40	900	6.4	300	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR125-50	50	900	6.4	300	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR125-60	60	900	6.4	300	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR125-70	70	900	6.4	200	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR125-80	80	900	6.4	100	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner

STYLE #121: RUBBERMAX™ NEOPRENE GRADE 1 (ASTM D2000 1BC)

Item ID	Durometer Hardness	Tensile Strength (min)		Elongation	Compression Set at 212° F (100° C) for 22 Hours	Volume Swell 212° F (100° C) for 70 hrs in ASTM Oil 903	Temperature Range		Color	Finish	Surface
	Shore A (± 5)	psi	MPa	min %	max %	max %	°F	°C			
IR121-40	40	1000	6.9	400	80	+120	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR121-50	50	1000	6.9	300	80	+120	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR121-60	60	1000	6.9	300	80	+120	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR121-70	70	1000	6.9	200	80	+120	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner
IR121-80	80	1000	6.9	100	80	+120	-20 - +170	-29 - +77	Black	Smooth	No talc / film liner

ROLL DIMENSIONS

Units	Widths				Thicknesses						
U.S.	36"	48"	1/16"	3/32"	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"	1"
Metric	91.4 cm	121.9 cm	1.6 mm	2.4 mm	3.2 mm	4.8 mm	6.4 mm	9.5 mm	12.7 mm	19.1 mm	25.4 mm

*Custom sizes available upon request

RM Biltrite™ · P: 800.877.8775 · F: 888.894.0204 · sales@rmbiltrite.com · www.rmbiltrite.com · 8525 Dunwoody Pl · Sandy Springs, GA 30350

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