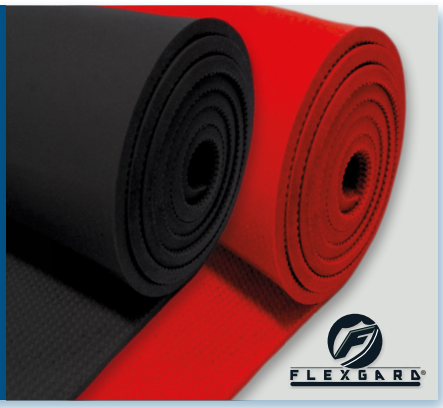
FLEXGARD® SBR

RM BILTRITE™ RUBBER & PLASTICS

RM Biltrite™ Flexgard® SBR Rubber is a copolymer of styrene and butadiene and has properties similar to natural rubber. Compared to natural rubber, SBR has superior processability, heat aging, and abrasion resistance but inferior elongation, hot tear strength, resilience and tensile strength. SBR has excellent mechanical properties, low compression set, and high resilience. It also has excellent dynamic and rebound properties and exhibits good resistance to acids, brake fluids, moisture, alkalis and salts. SBR may be substituted for natural rubber in certain applications, offering significant cost savings. Not recommended for use in proximity to oils and hydrocarbons. An economical red or black sheet can be used in low pressure applications with no oil resistance requirements.

Applications: HVAC and construction industry, hydraulic brake system seals and diaphragms, mechanical rubber parts, panel grommets and body pads.



STYLE #400: FLEXGARD® RED COMMERCIAL SBR

Item ID	Durometer Hardness	Tensile Strength (min)		Elongation	Temperature Range		Color	Finish	Surface
	Shore A (± 5)	psi	MPa	min %	°F	°C			
IR400-75	75	400	2.8	150	-20 - +170	-29 - +77	Red	Smooth	No talc / film liner

STYLE #405: FLEXGARD® BLACK COMMERCIAL SBR

Item ID	Durometer Hardness	Tensile Strength (min)		Elongation	Temperature Range		Color	Finish	Surface
	Shore A (± 5)	psi	MPa	min %	°F	°C			
IR405-75	75	400	2.8	150	-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