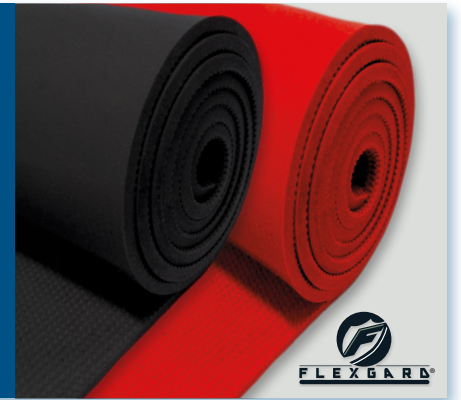


RM Biltrite™ Flexgard® SBR Rubber is a copolymer of styrene and butadiene and has properties similar to natural rubber. Compared to natural rubber, SBR has superior processability, heat aging, and abrasion resistance but inferior elongation, hot tear strength, resilience and tensile strength. SBR has 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

Typical Physical Properties: Per ASTM D900, Section 7.1, Buyer agrees that when standard test specimens are cut from finished parts in accordance with Practice D3183, a deviation to the extent of 10% on tensile strength and elongation values is permissible. All of our thermoplastic products are a proprietary blend of plastics and other components. In any application, the customer should evaluate the performance requirements and conditions that will affect the working life of the thermoplastic product. Where appropriate, field tests may need to be performed before the type of thermoplastic is selected. If the customer's quality assurance includes the testing of thermoplastic materials, the test criteria should specify the physical property of the ASTM specification that is most critical to its application. Polymer type alone may not be adequate for the selection of the thermoplastic that is best suited for a specific application. Buyer acknowledges the use of its own knowledge, expertise, skill, experience and judgment in the selection of products(s) and /or in the selection, provision, or designation of any specifications or set of specifications for a product(s) agreed upon by the Buyer and Seller. Buyer acknowledges that Seller shall not be liable for, and Buyer assumes all risk of, inaccurate or unsuitable specifications or information provided, selected or designed by the Buyer. RM BILTRITE™ LLC MAKES NO REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE SUITABILITY OF MATERIALS FOR A PARTICULAR PURPOSE. BUYERS AND USERS MUST DETERMINE THE SAFETY AND SUITABILITY OF RM BILTRITE™ LLC'S PRODUCTS FOR THEIR OWN PURPOSES, AND ASSUME ALL RISK, RESPONSIBILITY, AND LIABILITY FOR ALL INJURIES, LOSSES, OR DAMAGES ARISING FROM THE APPLICATION OF THE INFORMATION OR USE OF RM BILTRITE™ LLC'S PRODUCTS, WHETHER OR NOT CAUSED BY RM BILTRITE™ LLC'S NEGLIGENCE OR BASED ON STRICT PRODUCT LIABILITY. Terms and conditions are available upon request.