

RM Biltrite™ Rubbermax™ Butyl Rubber is a copolymer of isobutylene and isoprene. It has outstanding resistance to gases, vapors, heat aging, oxygen, ozone, sunlight, tearing, alkalis, and acids. Butyl has good flex and low resilience properties, making it ideal for vibration damping, insulation, and shock absorption. It also offers moderate resistance to abrasion and compression set. Butyl rubber is resistant to most inorganic products and is highly resistant to mineral acids, alkaline, and aqueous acids. Specialized halogenated butyl is also available upon request.

Applications: General impermeability, weathering & ozone resistance, air retention, electrical insulation, vibration dampening, construction sealants, mechanical goods, pharmaceutical stoppers.


RubberMax™

STYLE #592: RUBBERMAX™ BUTYL GRADE 1 (ASTM D2000 1AA)

Item ID	Durometer Hardness	Tensile Strength (min)		Elongation	Compression Set at 212° F (100° C) for 22 Hours	Temperature Range		Color	Finish	Surface
	Shore A (± 5)	psi	MPa	min %	max %	°F	°C			
IR592-65	65	855	5.9	250	40	-40 - +257	-40 - +125	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

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Typical Physical Properties: Per ASTM D300, 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 customers' 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 product(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.