

RM Biltrite<sup>™</sup> Rubbermax<sup>™</sup> Hypalon<sup>®</sup> Rubber, also known as CSM, is a premium grade synthetic rubber. It is flame resistant and offers strong resistance to most chemicals, alkalis, acids, oils, and heat. CSM rubber also display good electrical properties and color stability, along with good weather and abrasion resistance.

**Applications:** Waterproofing, acid proofing, alkaline proofing, inflatables, hoses, cable sheathing, roofing.



STYLE #620: RUBBERMAX™ HYPALON® GRADE 1 (ASTM D2000 1CE)											
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			
IR620-60	60	1425	9.8	350	35	+25	-22 - +266	-30 - +130	Black	Smooth	No talc / film liner
IR620-70	70	1000	6.9	400	40		-22 - +266	-30 - +130	Black	Smooth	No talc / film liner

ROLL DIMENSIONS												
Units	Widths		Thicknesses									
U.S.	36"	48"	<sup>1</sup> /16″	3/ <sub>32</sub> ″	1/8″	<sup>3</sup> /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	
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		

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 customer' quality assurance includes the testing of the thermoplastic materials, the test criteria is should secility of the ASTM specification. That is most critical to its applications or set of specifications or a product(s) agreed upon by the Buyer and Seles. Buyer and