

RM Biltrite™ Rubbermax™ Pro Wear NR/Nitrile is a nitrile based rubber, formulated specifically for good abrasion resistance in areas and applications subject to oil and chemicals. Nitrile rubber has inherently excellent oil resistance, making it the optimal rubber for oil contact. Abra-Trile also has excellent resistance to high working temperatures, thermal aging, and fatigue. Not recommended for oil immersion or high abrasion applications.

APPLICATIONS:

- Pump lining
- Sand processing circuits for oil based reagents
- Grain handling
- Fertilizer handling
- Impellers



RubberMax™

TECHNICAL SPECIFICATIONS

Name		RubberMax™ Pro Wear NR/Nitrile 200	
Item ID		M2800-55	
Hardness ASTM D2240	Shore A (± 5)	55	
	psi	1849	
Tensile Strength ASTM D412 (min)	MPa	13	
	%	700	
Elongation ASTM D412	lb/in	140	
	kg/cm	25	
Abrasion ASTM D5963	mm ³ (min)	160	
	g/cm ³	1.10	
Resilience	% (max)	40	
	psi	313	
Modulus	MPa	2	
	Swelling at 158°F (70°C) for 72 Hours		25%
Temperature Range	°F	-4 - +230	
	°C	-20 - +110	
Color		Orange	

ROLL DIMENSIONS

Units	Widths			Thicknesses									Lengths
U.S.	48"	54"	60"	1/16"	3/32"	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"	1"	33'
Metric	121.9 cm	137.2 cm	152.4 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	10.1 m

Custom sizes and colors available upon request

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'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 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.