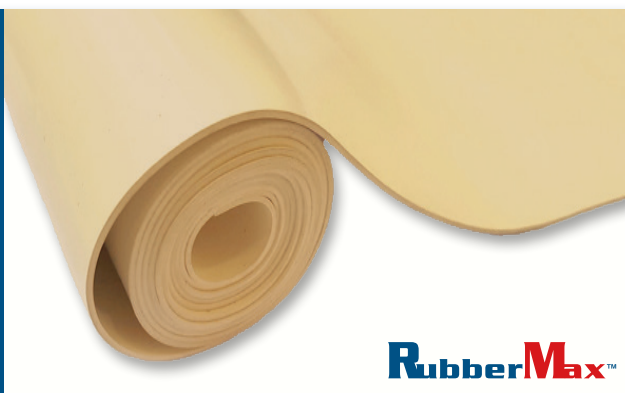


# RUBBERMAX™ NR SUPER FG FOOD GRADE RUBBER

RM Biltrite™ RubberMax™ NR Super FG Anti-Abrasion Rubber is a food grade product made from natural rubber for high tensile strength, superior resilience, and good abrasion and tear resistance. Good for use with both wet and dry food contact. Not recommended for applications with exposure to hydrocarbons, ozone, UV, and strong acids. NR Super FG is made from FDA approved ingredients and meets European Union food grade standards.

## APPLICATIONS:

- Food industry
- Pharmaceutical industry
- Gasket industry
- Chemical industry
- Cosmetic Industry



**RubberMax™**

## TECHNICAL SPECIFICATIONS

Name		RubberMax™ NR Super FG
Item ID		IR441
Grade		ASTM D2000 1AA-430 Grade 1
Hardness ASTM D2240	Shore A (± 5)	40
	psi	3000
Tensile Strength ASTM D412 (min)	MPa	21
	psi	3000
Elongation ASTM D412	%	600
Abrasion ASTM D5963	mm <sup>3</sup> (min)	180
Specific Gravity ASTM D297	g/cm <sup>3</sup>	0.98
Resilience	% (max)	55
Change in Tensile Strength 70 Hrs at 212°F (100°C) ASTM D573	%	± 30
Change in Ultimate Elongation 70 Hrs at 212°F (100°C) ASTM D573	% (max)	-50
Change in Durometer Hardness 70 Hrs at 212°F (100°C) ASTM D573		± 15
Compression Set 22 Hrs at 212°F (100°C) ASTM D395	% (max)	50
Temperature Range	°F	-40 - +167
	°C	-40 - +75
Food Grade		Yes
Color		Tan

## ROLL DIMENSIONS

Units	Widths				Thicknesses							Lengths
	36"	48"	54"	60"	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"	1"	
U.S.	36"	48"	54"	60"	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"	1"	33'
Metric	91.4 cm	121.9 cm	137.2 cm	152.4 cm	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 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.

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RUBBER & PLASTICS