



**AmericanBilrite**  
IndustrialRubber

# **TECHNICAL SHEET RUBBER RESOURCE GUIDE**

**GOODYEAR**  
RUBBER PRODUCTS, INC.

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For PDF versions of additional documentation (see list below), please refer to the Resource Center of our website.

#### Additional documentation found in the Resource Center:

- ISO 9001 & 14001 Certificates
- NSF Certificate
- FDA and Dairy 3A Compliance Document
- Rubber Shelf Life Guidelines
- Commercial Rubber Gauge Tolerance Guide
- Industrial Rubber Warranty

[www.american-biltrite.com/rubber/resource-center/technical-documentation/](http://www.american-biltrite.com/rubber/resource-center/technical-documentation/)





# AMERICAN BILTRITE INDUSTRIAL RUBBER

American Biltrite was founded in 1908 and is owned and run by the third generation of the Marcus family. Since our inception, American Biltrite has continued to grow and work to build a solid reputation for high-quality products and service for our customers. In 1913, American Biltrite opened the Sherbrooke, Quebec production facility. Rubber became the major focus and categorically the vocation of choice for this location.

**The American Biltrite difference is our first-rate quality paired with a sales and service team that redefines customer satisfaction year after year. As rubber pioneers, we use our knowledge and experience to develop high-quality products and offer exceptional customer service.**



## RUBBER EXPERTISE

- + Experienced team of office and production employees with an average of 18 years of seniority
- + On-site team of chemists, engineers, and Ph. D.'s that use their expertise to support product development
- + ISO 9001 and 14001 certified



## BROAD RANGE OF PRODUCTS

- + We offer the widest line of premium quality sheet rubber covering all major elastomers in various gauges, widths, and sizes, along with options like fabric reinforcement
- + Our domestic production allows us to answer your needs quickly with impressive lead times
- + Our imported sheet rubber is submitted to testing procedures on-site by our own team that are both rigorous and regimented



## CUSTOMER FOCUSED

- + Industry-leading customer service
- + Dedicated technical service team for assistance in product selection and troubleshooting
- + A 30-member sales team, there when you need them
- + Family owned for over 100 years



## FAST TURNAROUND FOR EMERGENCIES

- + 10 fully-stocked warehouses that allow us to send you the products that you need immediately
- + Our committed sales team is on call, driven to assist you in growing your business



## BEST-IN-CLASS PRODUCTS

- + We offer a wide selection of engineered products, specifically formulated for unique applications

# ASTM

## American National Standards Institute

ASTM's rubber standards are instrumental in specifying, testing, and assessing the physical, mechanical, and chemical properties of a wide variety of materials and products that are made of rubber and its elastomeric derivatives. These rubber standards allow rubber manufacturers and end-users to examine and evaluate their material to ensure quality and acceptability towards safe utilization.

How does it work? ASTM Standards are built with letters and numbers that represent a specific requirement. If a product meets a specific ASTM Standard, it means that it meets all the requirements listed in that ASTM Standard code (see image below).

### ASTM D 2000 LINE CALLOUT

Basic Requirements

Suffix Requirements

**M 2 B G 5 10 EO 3 4**

A temperature of test- in this example, 100°C (212°F)

A test method-in this example ASTM D471, ASTM IRM903 oil, 70 hours

Additional requirement- in this example, fluid resistance

Tensile Strength- in this example, 10 MPa (1450 psi)

Hardness- in this example, 50 +/- 5 using a Shore A durometer

Class of oil resistance- in this example volume swell of 40% in ASTM IRM 903 oil

Type of heat resistance – in this example, 100°C (212°F)

Grade number- used only when requirements are needed in addition to basic requirements

Only used when specification is based on SI units of measure

## AB & IM PRODUCTS

At American Biltrite we offer domestically produced and imported products. Our domestic products can be easily identified with family codes using the abbreviation AB. Imported products use the abbreviation IM.

All products sold by American Biltrite go through our rigorous approval and testing process, to meet our quality standards (ISO 9001, ISO 14001, REACH, RoHS).



## ASTM GRADE

TYPE AND CLASS	MOST COMMON POLYMER
AA	Natural, SBR, Butyl
BA	EPDM, Butyl
BC	Neoprene
BE	Neoprene
BF	Nitrile
BG	Nitrile
BK	Nitrile
CA	EPDM
CE	CSM
CH	Nitrile
DA	EPDM
DE	CSM
FC	Silicone
FE	Silicone
FK	Fluorinated Silicones
GE	Silicone
HK	FKM

## SUFFIX LETTERS

INCHES	MILLIMETERS
A	Heat Resistance
B	Compression Set
C	Ozone or Weather Resistance
D	Compression - Deflection Resistance
EO	Fluid Resistance (Oils and Lubricants)
F	Low Temperature Resistance
G	Tear Resistance
H	Flex Resistance
J	Abrasion Resistance
K	Adhesion
L	Aqueous Fluid Resistance
M	Flammability Resistance
N	Impact Resistance
P	Staining Resistance
R	Resilience
Z	Any Special Requirements, which shall be specified in detail

### A LINE CALL-OUT (OR SPECIFICATION) SHALL CONTAIN:

#### EXAMPLE: 2BC507A14EO34

2	Grade Number
BC	Material designation (Type and Class)
507	Hardness and Tensile Strength - First digit "5" is Durometer - i.e. 50 Duro - Second and third digits are Tensile - i.e. 700

#### SUFFIX REQUIREMENTS A14, EO34, Etc.

A	Heat Resistance
1	70 Hours
4	100°C (212°F)
EO	Fluid Resistance (Oils and Lubricants)
3	#3 Oil, 70 Hours
4	100°C (212°F)

## CLASSIFICATIONS

### TEMPERATURE

A	70°C (158°F)
B	100°C (212°F)
C	125°C (257°F)
D	150°C (303°F)
E	175°C (347°F)
F	200°C (392°F)
G	225°C (437°F)
H	250°C (482°F)
J	275°C (527°F)

### OIL SWELL

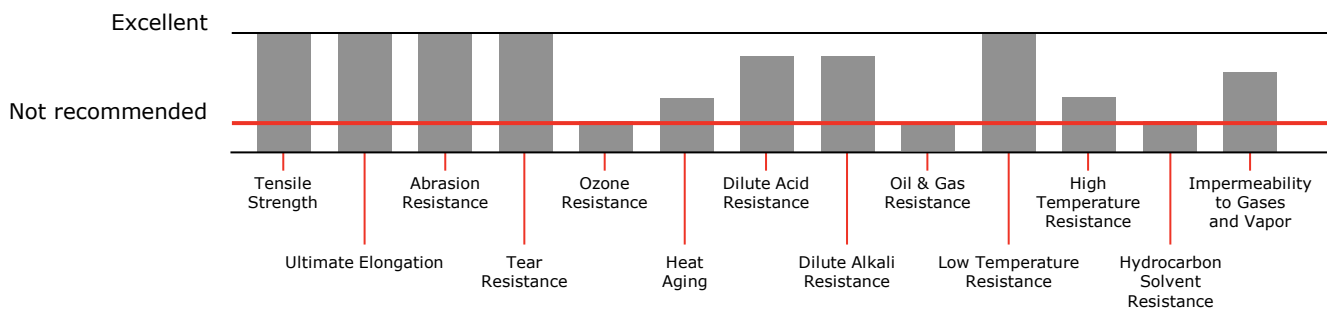
(Volume Swell, Max. %)

A	No Requirement
B	140
C	120
D	100
E	80
F	60
G	40
H	30
J	20
K	10

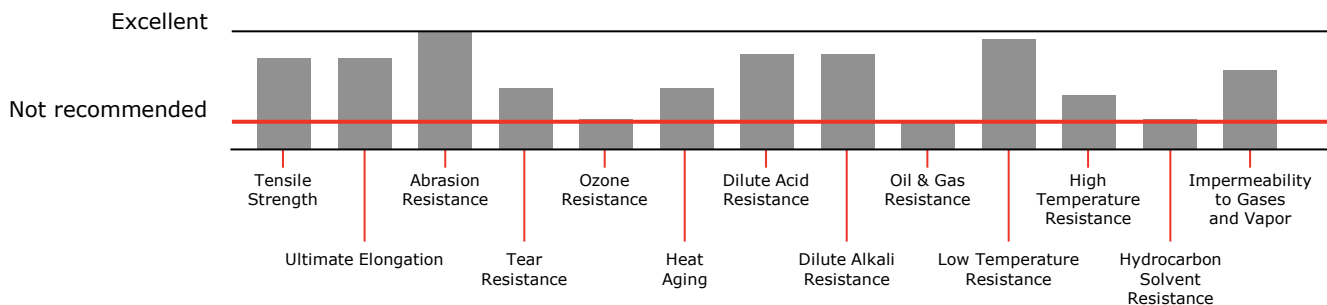
# POLYMER COMPARISON

Evaluating polymers to suit your application can be a daunting and confusing task. Below you will find quick reference charts to help you discover the strengths and weaknesses of each polymer. Please note, these are general guidelines. Product performance may differ from one product to another. Please contact your local sales representative or customer service for product selection assistance.

## NATURAL RUBBER (NR)

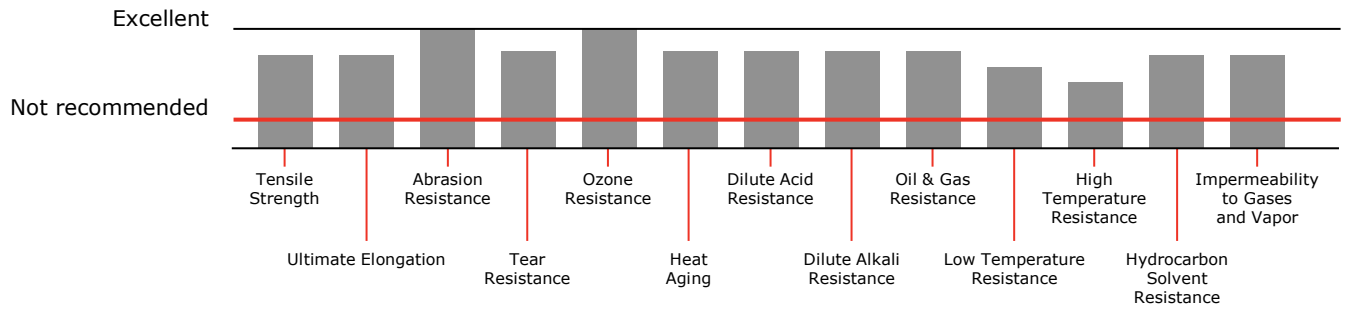


## STYRENE BUTADIENE (SBR)

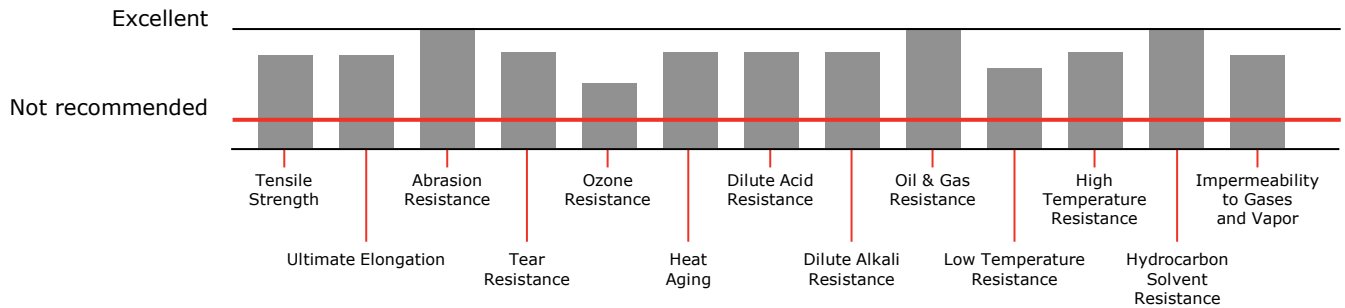




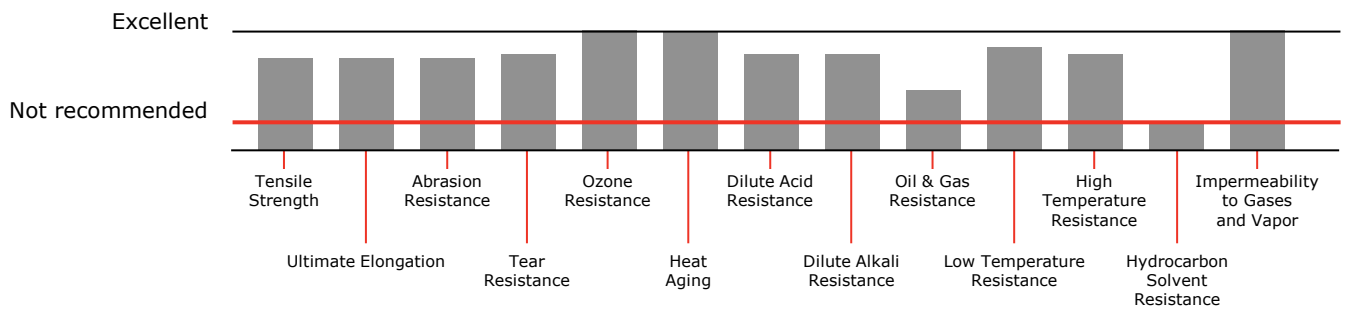
## POLYCHLOROPRENE (CR)



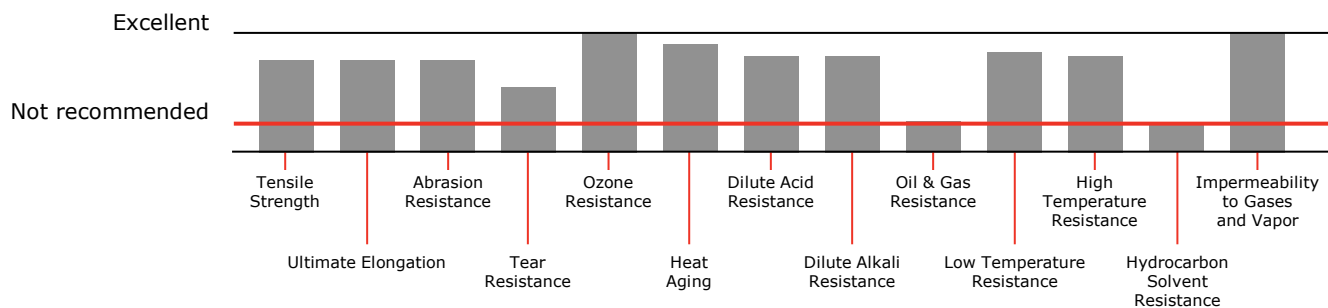
## NITRILE (NBR)



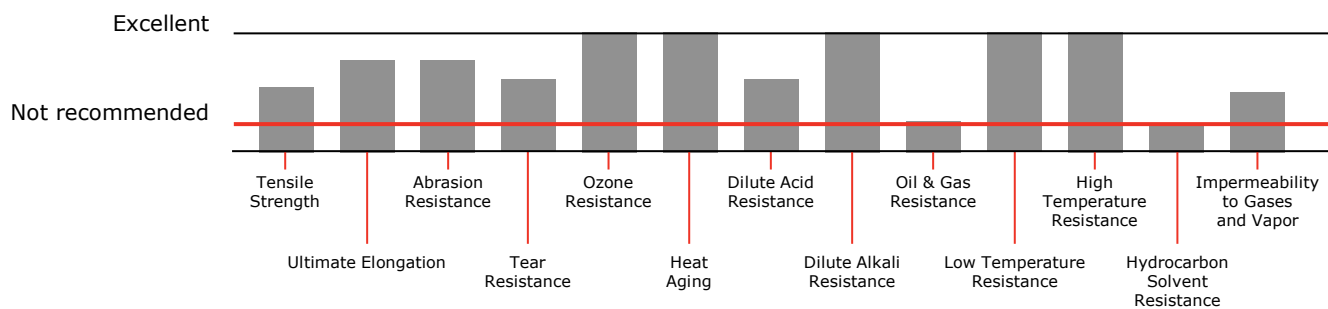
## BUTYL (IIR)



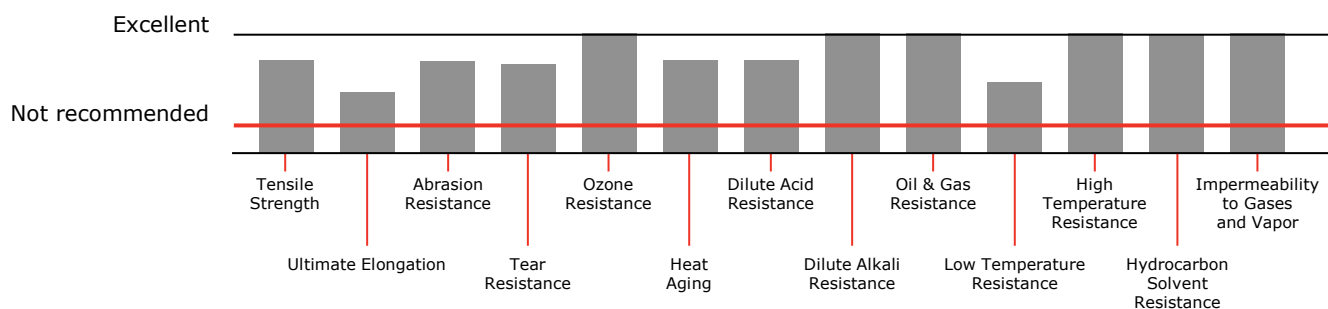
# ETHYLENE PROPYLENE DIENE (EPDM)



# SILICONE



# FLUOROELASTOMER (FKM)





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IndustrialRubber



# SECTION 1 NATURAL (NR)

## ADVANTAGES

- + High tensile strength
- + Superior resistance to tear and abrasion
- + Excellent rebound elasticity (snap)



## APPLICATIONS\*

- + Where abrasion resistance and rebound are critical
- + Low temperature use
- + Hoses
- + Tank linings
- + Cyclones
- + Concentrators
- + Linings
- + Cement sleeves
- + Chutes
- + Cleat blocks
- + Hopper curtains
- + Squeegees
- + Ballistic applications
- + Food applications (FDA compliant)
- + Bearing pads (AASHTO grade)

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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# AB-131

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Red

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 2AA325A13F17Z1 | Z1 = HARDNESS 35 +/- SHORE A  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.00
D2240	HARDNESS (shore A)	35
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	500 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

Minimum piece length: 10'

Width tolerance: -0 / +1"

Material is within commercial sheet rubber gauge tolerances.

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
135-08-482	1/8 (3.20)	48 (1219.2)	320 (29.73)	80 (24.38)	213 (96.6)
135-12-482	3/16 (4.80)	48 (1219.2)	240 (22.29)	60 (18.29)	228 (103.4)
135-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	203 (92.1)
135-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	226 (102.5)

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**AB-135**

GRADE	Premium
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Tan

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 2AA425A13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.06
D2240	HARDNESS (shore A)	40
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	400 min.
	DIN ABRASION METHOD 53516	Wet: 39 mm <sup>3</sup> Dry: 176 mm <sup>3</sup>
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: 15 points max. Tensile: +/-30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-135

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
127-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	97 (44.0)
127-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	130 (58.9)
127-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	113 (51.3)
127-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	152 (68.9)
127-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	108 (49.0)
127-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	144 (65.3)
127-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	123 (55.8)
127-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	164 (74.4)
127-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	164 (74.4)
127-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	219 (99.3)
127-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	183 (83.0)
127-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	243 (110.2)
127-32-362	1/2 (12.70)	36 (914.4)	150 (13.93)	50 (15.24)	407 (184.6)
127-32-482	1/2 (12.70)	48 (1219.2)	200 (18.58)	50 (15.24)	542 (245.8)
127-48-362 <sup>1</sup>	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	361 (163.7)
127-48-488 <sup>1</sup>	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	481 (218.2)
127-64-368	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	486 (220.4)

<sup>1</sup> Made to order.



**AB-138**



GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Beige

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 2AA420A13F17 | FDA COMPLIANT  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.14	
D2240	HARDNESS (shore A)	40	
D412	TENSILE (psi)	2000 min.	2500 typical
	ULTIMATE ELONGATION (%)	400 min.	700 typical
D2137	COLD TEMPERATURE	-40°C/°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: 15 points max. Tensile: +/-30% max. Elongation: -50% max.	
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)	

Maximum pieces per roll: 2  
Minimum piece length: 10'  
Width tolerance: -0 / +1"

Material is within commercial sheet rubber gauge tolerances.

Meets the requirements for FDA 21 CFR 177.2600: "Rubber articles intended for repeated use may be safely used in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food, subject to the provisions of this section."

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-138



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
128-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	106 (48.1)
128-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	141 (63.9)
128-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	121 (54.9)
128-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	161 (73.0)
128-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	117 (53.1)
128-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	156 (70.8)
128-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	134 (60.8)
128-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	178 (80.7)
128-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	178 (80.7)
128-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	237 (107.5)
128-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	198 (89.8)
128-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	264 (119.7)
128-32-362	1/2 (12.70)	36 (914.4)	150 (13.93)	50 (15.24)	441 (200.0)
128-32-482	1/2 (12.70)	48 (1219.2)	200 (18.58)	50 (15.24)	588 (266.7)
128-40-362 <sup>1</sup>	5/8 (15.90)	36 (914.4)	90 (8.36)	30 (9.14)	331 (150.1)
128-40-482	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	441 (200.0)
128-48-362	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	392 (177.8)
128-48-482	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	522 (236.8)
128-64-362	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	528 (239.5)
128-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	588 (266.7)

<sup>1</sup> Made to order.

**AB-139 BLAST®**

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 2AA420A13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.14	
D2240	HARDNESS (shore A)	40	
D412	TENSILE (psi)	2000 min.	2500 typical
	ULTIMATE ELONGATION (%)	400 min.	700 typical
D2137	COLD TEMPERATURE	-40°C/°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.	
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)	

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
141-08-482	1/8 (3.20)	48 (1219.2)	160 (14.86)	40 (12.19)	129 (58.5)
141-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	236 (107.0)
141-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	264 (119.7)

<sup>1</sup> Made to order.

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# AB-141 BLAST®



GRADE	Industrial
FINISH	Paper (matte one side)
POWDER	No
TRIMMED	Yes
COLOR	White

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 2AA425A13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.11
D2240	HARDNESS (shore A)	40
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	400 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: -30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 1**

**Minimum piece length: 7'**

**Width tolerance: -0.5 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
47P-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	200 (18.58)	50 (15.24)	288 (130.6)

<sup>1</sup> Made to order.

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# AB-148 DURASHIELD®



GRADE	Specialty
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 2AA325A13F17Z1 | Z1= HARDNESS 37 +/- 5 SHORE A  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.05
D2240	HARDNESS (shore A)	37 +/-5
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	500 min.
D624	TEAR (lbs/in.)	200 typical
	DIN ABRASION METHOD 53516	Wet: 28 mm <sup>3</sup> Dry: 256 mm <sup>3</sup>
D1630	NBS ABRASION	65% typical
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-58° to 180°F (-50° to 82°C)

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
149-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	143 (64.8)
149-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	163 (73.9)
149-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	217 (98.4)
149-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	242 (109.8)

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**AmericanBilrite**  
IndustrialRubber

# SECTION 2

## **STYRENE-BUTADIENE (SBR)**

(PACKING AND SKIRTBOARD)

### ADVANTAGES

- + Excellent impact strength
- + Very good resilience
- + Tensile strength
- + Abrasion resistance and flexibility at low temperatures



### APPLICATIONS\*

- + Basic gaskets
- + Washers
- + Skirtboards
- + Scrapers
- + Protective covers
- + Military applications

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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# IM-165 SKIRTBOARD

GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2240 | Z= HARDNESS 60 +/-7 SHORE A  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	60 +/- 7
D412	TENSILE (psi)	1000 typical
	ULTIMATE ELONGATION (%)	300 typical
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 1**  
**Width tolerance: +/-0.177"**  
**Durometer tolerance: +/-7 points**  
**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.  
 Please ensure the product meets your application specification prior to order placement.  
 Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
163-66-084	1 1/2 (38.10)	8 (203.2)	50 (4.65)	50 (15.24)	327 (148.3)
163-66-104	1 1/2 (38.10)	10 (254.0)	50 (4.65)	50 (15.24)	410 (186.0)
163-66-124	1 1/2 (38.10)	12 (304.8)	50 (4.65)	50 (15.24)	492 (223.2)

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# IM-166 SKIRTBOARD

## TECHNICAL SPECIFICATIONS

**SPECIFICATION ASTM D2240 | Z= HARDNESS 60 +/-7 SHORE A  
POLYMER: STYRENE-BUTADIENE (SBR)**

GRADE	Commercial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	60 +/- 7
D412	TENSILE (psi)	500 typical
	ULTIMATE ELONGATION (%)	300 typical
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 1**  
**Width tolerance: +/-0.177"**  
**Durometer tolerance: +/-7 points**  
**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.  
 Please ensure the product meets your application specification prior to order placement.  
 Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
166-04-484	1/16 (1.60)	48 (1219.2)	---	50 (15.24)	90 (40.8)
166-08-364 <sup>1</sup>	1/8 (3.20)	36 (914.4)	---	50 (15.24)	134 (60.8)
166-08-484	1/8 (3.20)	48 (1219.2)	---	50 (15.24)	178 (80.7)
166-08-724 <sup>1</sup>	1/8 (3.20)	72 (1828.8)	---	50 (15.24)	188 (85.3)
166-16-034 <sup>1</sup>	1/4 (6.35)	3 (76.2)	---	50 (15.24)	22 (9.9)
166-16-044	1/4 (6.35)	4 (101.6)	---	50 (15.24)	30 (13.6)
166-16-064	1/4 (6.35)	6 (152.4)	---	50 (15.24)	44 (20.1)
166-16-084	1/4 (6.35)	8 (203.2)	---	50 (15.24)	59 (26.8)
166-16-104 <sup>1</sup>	1/4 (6.35)	10 (254.0)	---	50 (15.24)	74 (33.6)
166-16-124	1/4 (6.35)	12 (304.8)	---	50 (15.24)	88 (39.9)
166-16-484	1/4 (6.35)	48 (1219.2)	---	50 (15.24)	354 (160.6)
166-24-034 <sup>1</sup>	3/8 (9.50)	3 (76.2)	---	50 (15.24)	33 (14.9)
166-24-044	3/8 (9.50)	4 (101.6)	---	50 (15.24)	44 (19.9)
166-24-054 <sup>1</sup>	3/8 (9.50)	5 (127.0)	---	50 (15.24)	55 (24.9)
166-24-064	3/8 (9.50)	6 (152.4)	---	50 (15.24)	66 (29.9)
166-24-084	3/8 (9.50)	8 (203.2)	---	50 (15.24)	88 (39.9)
166-24-104 <sup>1</sup>	3/8 (9.50)	10 (254.0)	---	50 (15.24)	110 (49.9)
166-24-124	3/8 (9.50)	12 (304.8)	---	50 (15.24)	132 (59.9)
166-24-484	3/8 (9.50)	48 (1219.2)	---	50 (15.24)	528 (239.5)
166-32-034 <sup>1</sup>	1/2 (12.70)	3 (76.2)	---	50 (15.24)	44 (19.9)
166-32-044	1/2 (12.70)	4 (101.6)	---	50 (15.24)	58 (26.3)
166-32-054	1/2 (12.70)	5 (127.0)	---	50 (15.24)	73 (33.1)

# IM-166 SKIRTBOARD

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
166-32-064	1/2 (12.70)	6 (152.4)	---	50 (15.24)	88 (39.9)
166-32-084	1/2 (12.70)	8 (203.2)	---	50 (15.24)	117 (53.1)
166-32-104	1/2 (12.70)	10 (254.0)	---	50 (15.24)	146 (66.2)
166-32-124	1/2 (12.70)	12 (304.8)	---	50 (15.24)	175 (79.4)
166-32-484	1/2 (12.70)	48 (1219.2)	---	50 (15.24)	702 (318.4)
166-48-034 <sup>1</sup>	3/4 (19.00)	3 (76.2)	---	50 (15.24)	66 (29.8)
166-48-044 <sup>1</sup>	3/4 (19.00)	4 (101.6)	---	50 (15.24)	88 (39.9)
166-48-064	3/4 (19.00)	6 (152.4)	---	50 (15.24)	132 (59.9)
166-48-084	3/4 (19.00)	8 (203.2)	---	50 (15.24)	176 (79.8)
166-48-104 <sup>1</sup>	3/4 (19.00)	10 (254.0)	---	50 (15.24)	219 (99.3)
166-48-124	3/4 (19.00)	12 (304.8)	---	50 (15.24)	263 (119.3)
166-48-484	3/4 (19.00)	48 (1219.2)	---	50 (15.24)	1054 (478.1)
166-64-034	1 (25.40)	3 (76.2)	---	50 (15.24)	88 (39.9)
166-64-044 <sup>1</sup>	1 (25.40)	4 (101.6)	---	50 (15.24)	117 (53.1)
166-64-064	1 (25.40)	6 (152.4)	---	50 (15.24)	175 (79.4)
166-64-084	1 (25.40)	8 (203.2)	---	50 (15.24)	234 (106.1)
166-64-104	1 (25.40)	10 (254.0)	---	50 (15.24)	292 (132.5)
166-64-124	1 (25.40)	12 (304.8)	---	50 (15.24)	351 (159.2)
166-64-484	1 (25.40)	48 (1219.2)	---	50 (15.24)	1404 (636.9)
166-65-104 <sup>1</sup>	1 1/4 (31.75)	10 (254.0)	---	50 (15.24)	355 (161.0)
166-66-034 <sup>1</sup>	1 1/2 (38.10)	3 (76.2)	---	50 (15.24)	131 (59.4)
166-66-044 <sup>1</sup>	1 1/2 (38.10)	4 (101.6)	---	50 (15.24)	175 (79.4)
166-66-064 <sup>1</sup>	1 1/2 (38.10)	6 (152.4)	---	50 (15.24)	263 (119.3)
166-66-084	1 1/2 (38.10)	8 (203.2)	---	50 (15.24)	351 (159.2)
166-66-104	1 1/2 (38.10)	10 (254.0)	---	50 (15.24)	439 (199.1)
166-66-124	1 1/2 (38.10)	12 (304.8)	---	50 (15.24)	527 (239.0)
166-66-484 <sup>1</sup>	1 1/2 (38.10)	48 (1219.2)	---	50 (15.24)	2341 (1061.1)
166-68-484 <sup>1</sup>	2 (50.80)	48 (1219.2)	---	50 (15.24)	2803 (1271.4)

<sup>1</sup> Made to order.



# IM-166 BEVELLED SKIRTBOARD

GRADE	Commercial
FINISH	Smooth
POWDER	No
BEVELLED	Yes (Tapered cut – one edge)
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2240 | Z1= HARDNESS 60 +/-7 SHORE A  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	60 +/-7
D412	TENSILE (psi)	500 typical
	ULTIMATE ELONGATION (%)	300 typical
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 1**

**Width tolerance: +/-0.177"**

**Durometer tolerance: +/-7 points**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
16B-24-044	3/8 (9.50)	4 (101.6)	---	50 (15.24)	42 (19.05)
16B-24-054	3/8 (9.50)	5 (127.0)	---	50 (15.24)	53 (24.0)
16B-24-064	3/8 (9.50)	6 (152.4)	---	50 (15.24)	64 (29.0)
16B-32-044	1/2 (12.70)	4 (101.6)	---	50 (15.24)	56 (25.4)
16B-32-054	1/2 (12.70)	5 (127.0)	---	50 (15.24)	70 (31.8)
16B-32-064	1/2 (12.70)	6 (152.4)	---	50 (15.24)	85 (38.6)
16B-32-084	1/2 (12.70)	8 (203.2)	---	50 (15.24)	113 (51.3)
16B-32-104	1/2 (12.70)	10 (254.0)	---	50 (15.24)	141 (63.9)

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**AB-613**

GRADE	Premium
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Red

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D1330-85 GRADE 1 AND 2  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.65
D2240	HARDNESS (Shore A)	70-85
D412	TENSILE (psi)	700 min.
	ULTIMATE ELONGATION (%)	150 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 40% max.
D573	HEAT AGING	94 hrs @ 70°C (158°F) Changed Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-20° to 200°F (-29° to 93°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0/ +1"**

**Durometer tolerance: +5 / -10 max.**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
109-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	160 (72.6)
109-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	219 (99.3)
109-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	195 (18.11)	65 (19.81)	209 (94.8)
109-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	224 (101.6)
109-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	194 (88.0)
109-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	270 (122.5)

<sup>1</sup> Made to order.

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**AB-617**

GRADE	Industrial
FINISH	Matte (both sides)/ ** Smooth
POWDER	No
TRIMMED	No
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1AA805  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.51
D2240	HARDNESS (shore A)	80
D412	TENSILE (psi)	500 min.
	ULTIMATE ELONGATION (%)	100 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0.5 / +1"**  
**Meets FMVSS302 "Specimens did not ignite or were self-extinguishing"**  
**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-617

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
311-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	143 (64.8)
311-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	190 (86.2)
311-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	174 (78.9)
311-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	168 (76.2)
311-08-482 <sup>1</sup>	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	207 (93.9)
311-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	183 (83.0)
311-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	244 (110.7)
311-16-36S**	1/4 (6.35 )	36 (914.4)	120 (11.15)	40 (12.19)	218 (98.9)
311-16-48S**	1/4 (6.35 )	48 (1219.2)	140 (13.00)	35 (10.67)	254 (115.2)

<sup>1</sup> Made to order. \*\* Smooth finish.



**IM-618**

GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2240 | Z1= HARDNESS 75 +/-7 SHORE A  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	75 +/- 7
D412	TENSILE (psi)	400 typical
	ULTIMATE ELONGATION (%)	220 typical
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 1**

**Width tolerance: -0 / +1"**

**Durometer tolerance: +/-7 points**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# IM-618

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
110-04-368	1/16 (1.60)	36 (914.4)	210 (19.51)	70 (21.33)	119 (53.9)
110-04-488	1/16 (1.60)	48 (1219.2)	200 (18.58)	50 (15.24)	113 (51.3)
110-04-728 <sup>1</sup>	1/16 (1.60)	72 (1828.8)	420 (39.02)	70 (21.33)	234 (106.1)
110-06-368 <sup>1</sup>	3/32 (2.38)	36 (914.4)	165 (15.33)	55 (16.76)	140 (63.5)
110-06-488 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	160 (14.86)	40 (12.19)	136 (61.7)
110-06-728	3/32 (2.38)	72 (1828.8)	330 (30.66)	55 (16.76)	280 (127.0)
110-08-368	1/8 (3.20)	36 (914.4)	105 (9.75)	35 (10.66)	119 (54.0)
110-08-488	1/8 (3.20)	48 (1219.2)	100 (9.29)	25 (7.62)	113 (51.3)
110-08-728	1/8 (3.20)	72 (1828.8)	210 (19.51)	35 (10.66)	238 (108.0)
110-12-368 <sup>1</sup>	3/16 (4.80)	36 (914.4)	150 (13.93)	50 (15.24)	254 (115.2)
110-12-488 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	140 (13.00)	35 (10.66)	237 (107.5)
110-16-368	1/4 (6.35)	36 (914.4)	105 (9.75)	35 (10.66)	237 (107.5)
110-16-488	1/4 (6.35)	48 (1219.2)	100 (9.29)	25 (7.62)	226 (102.5)
110-16-728 <sup>1</sup>	1/4 (6.35)	72 (1828.8)	120 (11.15)	20 (6.09)	271 (122.9)

<sup>1</sup> Made to order.



**AB-619**

GRADE	Industrial
FINISH	Fabric (both sides)
POWDER	No
TRIMMED	No
COLOR	Red

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1AA806Z1 | Z1= HARDNESS 75 +/- 5 SHORE A  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.8
D2240	HARDNESS (shore A)	75 +/- 5
D412	TENSILE (psi)	600 min.
	ULTIMATE ELONGATION (%)	100 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 2 (100 pound rolls = 1 piece)**

**Minimum piece length: 5'**

**Width tolerance: -0.5 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-619

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
261-04-362	1/16 (1.60)	36 (914.4)	330 (30.66)	110 (33.53)	159 (72.1)
261-04-366	1/16 (1.60)	36 (914.4)	200 (18.58)	66.6 (20.29)	96 (43.5)
261-04-482	1/16 (1.60)	48 (1219.2)	320 (29.73)	80 (24.38)	153 (69.4)
261-06-362	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	176 (79.8)
261-06-366 <sup>1</sup>	3/32 (2.38)	36 (914.4)	126 (11.71)	42 (12.8)	99 (44.9)
261-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	220 (20.43)	55 (16.76)	172 (78.0)
261-08-362	1/8 (3.20)	36 (914.4)	165 (15.33)	55 (16.76)	173 (78.5)
261-08-366	1/8 (3.20)	36 (914.4)	96 (8.91)	32 (9.75)	101 (45.8)
261-08-482	1/8 (3.20)	48 (1219.2)	160 (14.86)	40 (12.19)	167 (75.7)
261-08-486	1/8 (3.20)	48 (1219.2)	94 (8.73)	23.5 (7.16)	100 (45.4)
261-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	185 (83.9)
261-12-366 <sup>1</sup>	3/16 (4.80)	36 (914.4)	59 (5.48)	19.6 (5.97)	92 (41.7)
261-12-482	3/16 (4.80)	48 (1219.2)	120 (11.15)	30 (9.14)	184 (83.5)
261-16-362	1/4 (6.35)	36 (914.4)	90 (8.36)	30 (9.14)	191 (86.6)
261-16-366	1/4 (6.35)	36 (914.4)	46 (4.27)	15 (4.57)	97 (44.0)
261-16-482	1/4 (6.35)	48 (1219.2)	80 (7.43)	20 (6.09)	169 (76.7)

<sup>1</sup> Made to order.



**AmericanBilrite**  
IndustrialRubber

# SECTION 3

## **POLYCHLOROPRENE / NEOPRENE (CR)**

### ADVANTAGES

- + Good inherent flame resistance
- + Moderate resistance to oil and gasoline
- + Excellent adhesion to fabrics and metals
- + Very good resistance to weather, ozone and natural aging
- + Good resistance to abrasion and flex cracking
- + Very good resistance to alkalis and acids

Note: verify product specifications as there are many grades of polychloroprene available.



### APPLICATIONS\*

- + Gaskets
- + Washers
- + Military applications
- + Linings
- + Food applications (FDA compliant)
- + Bearing pads (AASHTO grade)
- + Where mild oil resistance is required

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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## AB-250

GRADE	Commercial
FINISH	Matte
POWDER	No
TRIMMED	No
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC506

POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.45
D2240	HARDNESS (shore A)	50
D412	TENSILE (psi)	600 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0.5 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-250

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
235-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	113 (51.3)
235-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	151 (68.5)
235-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	138 (62.6)
235-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	123 (55.8)
235-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	164 (74.4)
235-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	146 (66.2)
235-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	194 (88.0)

<sup>1</sup> Made to order.



## AB-260

GRADE	Commercial
FINISH	Matte
POWDER	No
TRIMMED	No
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC606

POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.48
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	600 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0.5 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-260

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
266-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	123 (55.8)
266-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	163 (73.9)
266-06-362	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	148 (67.1)
266-06-482	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	197 (89.4)
266-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	132 (59.9)
266-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	175 (79.4)
266-08-518 <sup>1</sup>	1/8 (3.20)	51 (1295.2)	213 (19.79)	50 (15.24)	187 (84.9)
266-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	156 (70.8)
266-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	207 (93.9)

<sup>1</sup> Made to order.



**AB-270**

GRADE	Commercial
FINISH	Matte
POWDER	No
TRIMMED	No
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1BC706

POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.51
D2240	HARDNESS (Shore A)	70
D412	TENSILE (psi)	600 min.
	ULTIMATE ELONGATION (%)	200 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0.5 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-270

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
277-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	123 (55.8)
277-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	164 (74.4)
277-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	151 (68.5)
277-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	133 (60.3)
277-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	177 (80.3)
277-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	157 (71.2)
277-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	211 (95.7)

<sup>1</sup> Made to order.



## IM-252

GRADE	Commercial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2240 | Z1= HARDNESS 50 +/-7 SHORE A  
POLYMER: NEOPRENE (CR) BLEND

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	50 +/-7
D412	TENSILE (psi)	500 typical
	ULTIMATE ELONGATION (%)	300 typical
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Width tolerance: +/-0.5"**

**Durometer tolerance: +/-7 points**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
201-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	198 (89.8)
201-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	198 (89.8)
201-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	237 (107.5)
201-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	316 (143.3)
201-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	356 (161.5)
201-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	470 (213.2)

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## IM-262

GRADE	Commercial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2240 | Z1=HARDNESS 60 +/-7 SHORE A  
POLYMER: NEOPRENE (CR) BLEND

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	60 +/-7
D412	TENSILE (psi)	500 typical
	ULTIMATE ELONGATION (%)	300 typical
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Width tolerance: +/-0.5 "**

**Durometer tolerance: +/-7 points**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# IM-262

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
202-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	156 (70.8)
202-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	208 (94.3)
202-06-362	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	176 (79.8)
202-06-482	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	234 (106.1)
202-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	156 (70.7)
202-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	208 (94.3)
202-08-722	1/8 (3.20)	72 (1828.8)	210 (19.51)	35 (10.66)	193 (87.5)
202-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	187 (84.8)
202-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	250 (113.4)
202-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	250 (113.4)
202-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	333 (151.1)
202-16-722	1/4 (6.35)	72 (1828.8)	240 (22.29)	40 (12.19)	437 (198.2)
202-24-362	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	281 (127.5)
202-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	374 (169.6)
202-32-362	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	374 (169.6)
202-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	499 (226.3)
202-40-362	5/8 (15.90)	36 (914.4)	90 (8.36)	30 (9.14)	468 (212.3)
202-40-482	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	624 (283.0)
202-48-362	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	562 (254.9)
202-48-482	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	749 (339.7)
202-64-362	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	749 (339.7)
202-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	832 (377.4)



**IM-272**

GRADE	Commercial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2240 | Z1= HARDNESS 70 +/-7 SHORE A  
POLYMER: NEOPRENE (CR) BLEND

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	70 +/-7
D412	TENSILE (psi)	500 typical
	ULTIMATE ELONGATION (%)	200 typical
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Width tolerance: +/-0.5 "**

**Durometer tolerance: +/-7 points**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# IM-272

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
203-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	150 (68.0)
203-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	200 (90.7)
203-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	225 (102.1)
203-06-482	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	225 (102.1)
203-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	150 (68.0)
203-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	200 (90.7)
203-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	180 (81.6)
203-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	240 (108.8)
203-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	240 (108.8)
203-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	320 (145.1)
203-24-362	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	270 (122.5)
203-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	360 (163.3)
203-32-362	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	360 (163.3)
203-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	480 (217.7)
203-40-362	5/8 (15.90)	36 (914.4)	90 (8.36)	30 (9.14)	450 (204.1)
203-40-482	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	600 (272.2)
203-48-362	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	540 (244.9)
203-48-482	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	720 (326.6)
203-64-362	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	720 (326.6)
203-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	800 (362.9)

<sup>1</sup> Made to order.



**AB-245**

GRADE	Industrial
FINISH	Smooth
POWDER	See chart below
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1BC410  
POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.14
D2240	HARDNESS (shore A)	40
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	400 min.
D395B	COMPRESSION SET	22hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-245

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
244-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	118 (53.5)
244-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	140 (63.5)
244-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	120 (54.4)
244-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	116 (52.6)
244-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	155 (70.3)
244-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	133 (60.3)
244-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	177 (80.3)
244-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	177 (80.3)
244-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	236 (107.1)
244-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	197 (89.3)
244-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	263 (119.3)
244-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	265 (120.2)
244-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	353 (160.1)
244-48-362 <sup>1</sup>	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	389 (176.4)
244-48-482 <sup>1</sup>	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	519 (235.4)
244-64-362 <sup>1</sup>	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	524 (237.7)
294-04-362 <sup>**</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	118 (53.3)
294-06-362 <sup>1 **</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	120 (54.4)
294-08-362 <sup>1 **</sup>	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	116 (52.6)
294-08-482 <sup>1 **</sup>	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	155 (70.3)
294-12-362 <sup>1 **</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	133 (60.3)
294-16-362 <sup>1 **</sup>	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	177 (80.3)

<sup>1</sup> Made to order. <sup>\*\*</sup> Powdered.



## AB-255

GRADE	Industrial
FINISH	Smooth
POWDER	See chart below
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC510

POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.24
D2240	HARDNESS (shore A)	50
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-15% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 1/16" to 1/2" = 2 pieces, 5/8" to 1" = 1 piece**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
245-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	133 (60.3)
245-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	152 (68.9)
245-06-362	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	128 (58.1)
245-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	204 (92.5)
245-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	126 (57.2)

<sup>1</sup> Made to order.

# AB-255

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
245-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	168 (76.2)
245-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	144 (65.3)
245-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	192 (87.1)
245-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	192 (87.1)
245-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	256 (116.1)
245-24-362	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	214 (97.1)
245-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	284 (128.8)
245-32-362	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	287 (130.2)
245-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	382 (173.3)
245-40-482 <sup>1</sup>	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	476 (215.9)
245-48-362 <sup>1</sup>	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	422 (191.4)
245-48-482	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	563 (255.4)
245-64-362 <sup>1</sup>	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	569 (258.1)
245-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	633 (287.1)
295-02-362 <sup>1</sup> **	1/32 (0.80)	36 (914.4)	450 (41.80)	150 (45.72)	83 (37.6)
295-04-362 **	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	133 (60.3)
295-04-482 <sup>1</sup> **	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	152 (68.9)
295-06-362 <sup>1</sup> **	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	150 (68.0)
295-08-362 <sup>1</sup> **	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	126 (57.1)
295-08-482 <sup>1</sup> **	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	168 (76.2)
295-12-362 <sup>1</sup> **	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	144 (65.3)
295-16-362 <sup>1</sup> **	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	192 (87.2)
295-16-482 <sup>1</sup> **	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	256 (116.1)

<sup>1</sup> Made to order. \*\*Powdered.



# AB-265

GRADE	Industrial
FINISH	Smooth
POWDER	See chart below
TRIMMED	Yes
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC610

POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.32
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

Maximum pieces per roll: 1/32" = 3 pieces, 1/16" to 1/2" = 2 pieces, 5/8" to 1" = 1 piece

Minimum piece length: 10'

Width tolerance: -0 / +1"

Meets FMVSS302 "Specimens did not ignite or were self-extinguishing"

ASTM C1166, Flame Propagation with average flame propagation of 455 mm and did not drip flames\*

Material is within commercial sheet rubber gauge tolerances.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
265-02-362 <sup>1</sup>	1/32 (0.80)	36 (914.4)	600 (56.74)	200 (60.96)	127 (57.6)
265-02-482	1/32 (0.80)	48 (1219.2)	800 (74.32)	200 (60.96)	170 (77.1)
265-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	144 (65.3)
265-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	175 (79.4)
265-06-362	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	150 (68.0)
265-06-482	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	200 (90.7)
265-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	145 (65.8)
265-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	193 (87.5)
265-10-362 <sup>1</sup>	5/32 (3.96)	36 (914.4)	150 (13.93)	50 (15.24)	180 (81.6)

# AB-265

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
265-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	166 (75.3)
265-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	221 (100.2)
265-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	221 (100.2)
265-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	294 (133.4)
265-20-482 <sup>1</sup>	5/16 (7.90)	48 (1219.2)	160 (14.86)	40 (12.19)	369 (167.4)
265-24-362	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	246 (111.6)
265-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	328 (148.8)
265-32-362	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	331 (150.1)
265-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	441 (200.0)
265-32-602 <sup>1</sup>	1/2 (12.70)	60 (1524)	150 (13.93)	30 (9.14)	525 (238.1)
265-40-362 <sup>1</sup>	5/8 (15.90)	36 (914.4)	90 (8.36)	30 (9.14)	411 (186.4)
265-40-482	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	548 (248.6)
265-48-362	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	487 (220.9)
265-48-482	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	648 (293.9)
265-64-362	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	655 (297.1)
265-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	729 (330.7)
296-02-362 **	1/32 (0.80)	36 (914.4)	600 (55.74)	200 (60.69)	127 (57.6)
296-02-482 <sup>1</sup> **	1/32 (0.80)	48 (1219.2)	800 (74.32)	200 (60.69)	170 (77.1)
296-04-362 **	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	144 (65.3)
296-04-482 **	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	175 (79.4)
296-06-362 <sup>1</sup> **	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	163 (73.9)
296-08-362 <sup>1</sup> **	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	145 (65.8)
296-08-482 **	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	193 (87.5)
296-12-362 <sup>1</sup> **	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	166 (75.3)
296-12-482 <sup>1</sup> **	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	221 (100.2)
296-16-362 <sup>1</sup> **	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	221 (100.2)
296-16-482 **	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	294 (133.4)

<sup>1</sup> Made to order. \*\*Powdered.



## AB-266



GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	White

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC612Z1 Z1= HARDNESS 55 +/- 5 SHORE A | FDA COMPLIANT  
POLYMER: NEOPRENE (CR) BLEND

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.55
D2240	HARDNESS (shore A)	55 +/-5
D412	TENSILE (psi)	1200 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	FLUID RESISTANCE OIL #3	70 hrs @ 100°C (212°F) Changed in volume: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**Meets the requirements for FDA 21 CFR 177.2600: "Rubber articles intended for repeated use may be safely used in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food, subject to the provisions of this section."**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
25A-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	175 (79.4)
25A-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	175 (79.4)
25A-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	205 (93.0)
25A-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	292 (132.4)

<sup>1</sup> Made to order.

**GOODYEAR**  
RUBBER PRODUCTS, INC.

 **727-342-5088**

You can also email us at  
**[GRP@goodyearrubberproducts.com](mailto:GRP@goodyearrubberproducts.com)**



## AB-275

GRADE	Industrial
FINISH	Smooth
POWDER	See chart below
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC710

POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.32
D2240	HARDNESS (shore A)	70
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	200 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

Maximum pieces per roll: 1/16" to 1/2" = 2 pieces, 5/8" to 1" = 1 piece

Minimum piece length: 10'

Width tolerance: -0 / +1"

Dimensional tolerances on slabs differ from rolls. Please call Customer Service for details

Material is within commercial sheet rubber gauge tolerances.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
275-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	127 (57.6)
275-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	163 (73.9)
275-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	143 (64.8)
275-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	190 (86.2)
275-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	148 (67.1)

<sup>1</sup> Made to order.

# AB-275

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
275-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	179 (81.2)
275-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	157 (71.2)
275-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	225 (102.0)
275-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	214 (97.1)
275-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	300 (136.1)
275-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	222 (100.7)
275-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	303 (137.4)
275-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	337 (152.9)
275-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	449 (203.7)
275-40-482 <sup>1</sup>	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	558 (253.1)
275-48-362 <sup>1</sup>	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	496 (224.5)
275-48-482	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	660 (299.4)
275-64-362 <sup>1</sup>	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	670 (303.9)
275-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	743 (337.0)
297-04-362 **	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	127 (57.6)
297-04-482 <sup>1</sup> **	1/16 (1.60)	48 (1219.2)	400 (37.20)	100 (30.48)	163 (73.9)
297-06-362 <sup>1</sup> **	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	143 (64.9)
297-08-362 <sup>1</sup> **	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	148 (67.1)
297-08-482 <sup>1</sup> **	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	197 (89.4)
297-12-362 <sup>1</sup> **	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	169 (76.7)
297-16-362 <sup>1</sup> **	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	225 (102.0)
297-16-482 <sup>1</sup> **	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	300 (136.1)

<sup>1</sup> Made to order. \*\*Powdered.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/SLAB SFT (M <sup>2</sup> )	LENGTH/SLAB LFT (M)	WEIGHT/SLAB LBS (KG)
<b>SLABS</b>					
275-66-365	1 1/2 (38.10)	36 (914.4)	9 (0.84)	36 (10.97)	105 (47.7)
275-68-365	2 (50.80)	36 (914.4)	9 (0.84)	36 (10.97)	141 (63.9)



## AB-285

GRADE	Industrial
FINISH	Smooth
POWDER	See chart below
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC810

POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.46
D2240	HARDNESS (shore A)	80
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	100 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 1/16" to 1/2" = 2 pieces, 5/8" to 1" = 1 piece**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-285

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
285-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	138 (62.6)
285-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	190 (86.2)
285-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	214 (97.1)
285-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	144 (65.3)
285-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	206 (93.4)
285-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	175 (79.4)
285-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	235 (106.6)
285-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	235 (106.6)
285-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	313 (141.9)
285-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	262 (118.8)
285-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	348 (157.8)
285-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	352 (159.7)
285-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	469 (212.7)
285-48-362 <sup>1</sup>	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	517 (234.5)
285-48-482 <sup>1</sup>	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	689 (312.5)
285-64-362 <sup>1</sup>	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	697 (316.2)
285-64-482 <sup>1</sup>	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	776 (352.0)
298-04-362 **	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	138 (62.6)
298-16-362 <sup>1</sup> **	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	244 (110.6)

<sup>1</sup> Made to order. \*\*Powdered.



## AB-253

GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 2BC508A14C12E034  
POLYMER: NEOPRENE, STYRENE-BUTADIENE (CR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.36
D2240	HARDNESS (shore A)	50
D412	TENSILE (psi)	800 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-15% max. Elongation: -40% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Tensile: -70% max. Elongation: -55% max. Volume: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

Maximum pieces per roll: 1/16" to 1/2" = 2 pieces, 5/8" to 1" = 1 piece

Minimum piece length: 10'

Width tolerance: -0 / +1"

Material is within commercial sheet rubber gauge tolerances.

Contains 55% Neoprene polymer base.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
211-08-482 <sup>1</sup>	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	164 (74.4)
211-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	209 (94.8)

<sup>1</sup> Made to order.

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## AB-263

GRADE	Premium
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 3BC609A14C12E034

POLYMER: NEOPRENE, STYRENE-BUTADIENE, NITRILE (CR/SBR/NBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.37
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	900 min.
	ULTIMATE ELONGATION (%)	300 min.
D1149	OZONE RESISTANCE	70 hrs @ 50 PPHM @ 40°C/°F No cracking
D395B	COMPRESSION SET	22 hrs @ 100 °C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: -15% max. Elongation: -40% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Tensile: -60% max. Elongation: -50% max. Volume: 100% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

Maximum pieces per roll: 1/32" = 3 pieces, 1/16" to 1/2" = 2 pieces, 5/8" to 1" = 1 piece

Minimum piece length: 10'

Width tolerance: -0 / +1"

Meets FMVSS302 "Specimens did not ignite or were self-extinguishing"

ASTM C1166, Flame Propagation with average flame propagation of 39 mm and did not drip flames

Material is within commercial sheet rubber gauge tolerances.

Contains 55% Neoprene polymer base.

Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

# AB-263

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
264-02-362 <sup>1</sup>	1/32 (0.80)	36 (914.4)	600 (56.74)	200 (60.96)	128 (58.1)
264-02-482	1/32 (0.80)	48 (1219.2)	800 (74.32)	200 (60.96)	170 (77.1)
264-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	130 (58.9)
264-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	173 (78.4)
264-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	149 (67.6)
264-06-482	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	198 (89.8)
264-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	131 (59.4)
264-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	173 (78.5)
264-08-602	1/8 (3.20)	60 (1524.0)	250 (23.22)	50 (15.24)	217 (98.4)
264-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	164 (74.4)
264-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	219 (99.3)
264-12-602	3/16 (4.80)	60 (1524.0)	200 (18.58)	40 (12.19)	256 (116.1)
264-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	219 (99.3)
264-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	291 (132.0)
264-16-602	1/4 (6.35)	60 (1524.0)	175 (16.25)	35 (10.66)	303 (137.4)
264-24-362	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	244 (110.7)
264-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	324 (146.9)
264-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	328 (148.8)
264-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	436 (197.8)
264-40-482 <sup>1</sup>	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	483 (219.1)
264-48-362	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	482 (218.6)
264-48-482 <sup>1</sup>	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	642 (291.2)
264-64-362 <sup>1</sup>	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	564 (255.8)
264-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	722 (327.5)

<sup>1</sup> Made to order.



**AB-273**

GRADE	Premium
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 3BC710A14C12EO34  
POLYMER: NEOPRENE, STYRENE-BUTADIENE (CR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.39
D2240	HARDNESS (shore A)	70
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	200 min.
D1149	OZONE RESISTANCE	70 hrs @ 50 PPHM @ 40°C/°F No cracking
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/- 15 points max. Tensile: -15% max. Elongation: -40% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Tensile: -60% max. Elongation: -50% max. Volume: 100% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

Maximum pieces per roll: 1/32" = 3 pieces, 1/16" to 1/2" = 2 pieces, 5/8" to 1" = 1 piece

Minimum piece length: 10'

Width tolerance: -0 / +1"

Meet FMVSS302 "Specimens did not ignite or were self-extinguishing"

ASTM C1166, Flame Propagation with average flame propagation of 31 mm and did not drip flames\*

Material is within commercial sheet rubber gauge tolerances.

Contains 55% Neoprene polymer base.

Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

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	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
274-02-482 <sup>1</sup>	1/32 (0.80)	48 (1219.2)	800 (74.32)	200 (60.96)	179 (81.2)
274-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	130 (58.9)
274-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	174 (78.9)
274-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	142 (64.4)
274-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	189 (85.7)
274-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	216 (97.9)
274-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	275 (124.7)
274-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	320 (145.1)
274-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	430 (195.0)

<sup>1</sup> Made to order.



## AB-289

GRADE	Premium
FINISH	Matte (both sides)
POWDER	No
TRIMMED	No
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 2BC810C12E034  
POLYMER: NEOPRENE, STYRENE-BUTADIENE (CR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.45
D2240	HARDNESS (shore A)	80
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	100 min.
D1149	OZONE RESISTANCE	70 hrs @ 50 PPHM @ 40°C/°F No cracking
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: -30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Volume: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0.5 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**Contains 55% neoprene polymer base.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
283-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	125 (56.7)

<sup>1</sup> Made to order.

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**AmericanBilrite**  
IndustrialRubber

# SECTION 4 NITRILE (NBR)

## ADVANTAGES

- + Very good resistance to oil and gasoline
- + Superior resistance to petroleum-based hydraulic fluids
- + Wide range of service temperatures
- + Good resistance to hydrocarbon solvents
- + Very good resistance to alkalis and acids



## APPLICATIONS\*

- + Machinery gaskets
- + In and around oil and gas handling equipment
- + Transformer gaskets
- + Food and dairy applications  
(FDA & 3A Sanitary Standards compliant)

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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# AB-362

GRADE	Commercial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2240 | Z1= HARDNESS 60 +/- 5 SHORE A  
POLYMER: NITRILE (NBR) BLEND

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	60 +/- 5
D412	TENSILE (psi)	800 min.
	ULTIMATE ELONGATION (%)	350 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 60% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-30° to 190°F (-34° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
362-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	132 (59.9)
362-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	196 (88.9)
362-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	147 (66.7)
362-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	196 (88.9)
362-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	235 (106.6)
362-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	224 (101.6)
362-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	298 (133.2)
362-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	353 (160.1)
362-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	470 (213.2)

<sup>1</sup> Made to order.

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**AB-344**

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1BE410  
POLYMER: NITRILE, STYRENE-BUTADIENE (NBR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.13
D2240	HARDNESS (shore A)	40
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	500 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 40% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 80% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
344-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	150 (68.0)
344-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	150 (68.0)
344-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	180 (81.6)
344-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	240 (108.9)

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**AB-364**

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1BE610  
POLYMER: NITRILE BLEND (NBR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.34
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	350 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 40% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 80% max.
TEMPERATURE RANGE (general guideline)		-30° to 190°F (-34° to 88°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-364

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
305-02-362 <sup>1</sup>	1/32 (0.80)	36 (914.4)	600 (56.74)	200 (60.96)	122 (55.3)
305-02-482	1/32 (0.80)	48 (1219.2)	800 (74.32)	200 (60.96)	163 (73.9)
305-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	124 (56.2)
305-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	166 (75.3)
305-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	150 (68.0)
305-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	138 (62.6)
305-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	184 (83.5)
305-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	158 (71.6)
305-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	210 (95.3)
305-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	210 (95.3)
305-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	279 (126.6)
305-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	233 (105.7)
305-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	311 (141.1)
305-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	314 (142.4)
305-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	418 (189.6)
305-40-362 <sup>1</sup>	5/8 (15.90)	36 (914.4)	90 (8.36)	30 (9.14)	390 (176.9)

<sup>1</sup> Made to order.



# AB-355

## TECHNICAL SPECIFICATIONS

**SPECIFICATION ASTM D2000: 2BG520B14EF11E014E034**  
**POLYMER: NITRILE (NBR) (BUNA N)**

GRADE	Premium
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.11
D2240	HARDNESS (shore A)	50
D412	TENSILE (psi)	2000 min.
	ULTIMATE ELONGATION (%)	350 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 25% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #1	70 hrs @ 100°C (212°F) Changed Hardness: -5 to +10 points max. Tensile: -25% max. Elongation: -45% max. Volume: -10 to + 5% max.
	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Hardness: -10 to +5 points max. Tensile: -45% max. Elongation: -45% max. Volume: 0 to 25% max.
	FLUID RESISTANCE (fuel A)	70 hrs @ 23°C (73.4°F) Changed Hardness: +/-10 points max. Tensile: -25% max. Elongation: -25% max. Volume: -5 to +10% max.
	FLUID RESISTANCE (fuel B)	70 hrs @ 23°C (73.4°F) Volume changed 30% max.
TEMPERATURE RANGE (general guideline)		-40° to 200°F (-40° to 93°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-355

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
302-02-362 <sup>1</sup>	1/32 (0.80)	36 (914.4)	600 (56.74)	200 (60.96)	114 (51.7)
302-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	113 (51.3)
302-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	150 (68.0)
302-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	163 (73.9)
302-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	108 (49.0)
302-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	145 (65.8)
302-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	130 (58.9)
302-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	174 (78.9)
302-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	173 (78.5)
302-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	231 (104.8)
302-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	197 (89.4)
302-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	262 (118.8)
302-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	260 (117.9)
302-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	347 (157.4)

<sup>1</sup> Made to order.



# AB-365

## TECHNICAL SPECIFICATIONS

**SPECIFICATION ASTM D2000: 2BG625B14EA14EF11EF21E014E034  
MIL-R-6855, CLASS 1, GRADE 60  
POLYMER: NITRILE (NBR) (BUNA N)**

GRADE	Premium
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.15
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	350 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 25% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #1	70 hrs @ 100°C (212°F) Changed Hardness: -5 to +10 points max Tensile: -25% max. Elongation: -45% max. Volume: -10 to + 5% max.
	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Hardness: -10 to +5 points max. Tensile: -45% max. Elongation: -45% max. Volume: 0 to 25% max.
	FLUID RESISTANCE (fuel A)	70 hrs @ 23°C (73.4°F) Changed Hardness: +/-10 points max. Tensile: -25% max. Elongation: -25% max. Volume: -5% to +10% max.
	FLUID RESISTANCE (water)	70 hrs @ 100°C (212°F) Changed Hardness: +/-10 points max. Volume: +/-15% max.
	FLUID RESISTANCE (diesel)	70 hrs @ 23°C (73.4°F) Volume changed 3% nom.
TEMPERATURE RANGE (general guideline)		-40° to 200°F (-40° to 93°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

*Please ensure the product meets your application specification prior to order placement*

# AB-365

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
303-02-362 <sup>1</sup>	1/32 (0.80)	36 (914.4)	600 (56.74)	200 (60.96)	119 (54.0)
303-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	111 (50.3)
303-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	148 (67.1)
303-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	168 (76.2)
303-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	112 (50.8)
303-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	149 (67.6)
303-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	134 (60.8)
303-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	179 (81.2)
303-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	179 (81.2)
303-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	238 (108.0)
303-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	201 (91.2)
303-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	268 (121.6)
303-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	268 (121.6)
303-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	357 (161.9)
303-40-362 <sup>1</sup>	5/8 (15.90)	36 (914.4)	90 (8.36)	30 (9.14)	335 (151.9)
303-40-482 <sup>1</sup>	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	446 (202.3)

<sup>1</sup> Made to order.



**AB-375**

GRADE	Premium
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 2BG725A14B14EA14EF11EF21EO14EO34  
POLYMER: NITRILE (NBR) (BUNA N)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.18
D2240	HARDNESS (shore A)	70
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 25% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Hardness: -10 to +5 points max. Tensile: -45% max. Elongation: -45% max. Volume: 0 to 25% max.
	FLUID RESISTANCE (fuel A)	70 hrs @ 23°C (73.4°F) Changed Hardness: +/-10 points max. Tensile: -25% max. Elongation: -25% max. Volume: -5 to +10% max.
	FLUID RESISTANCE (water)	70 hrs @ 100°C (212°F) Changed Hardness: +/-10 points max. Volume: +/-15% max.
TEMPERATURE RANGE (general guideline)		-20° to 200°F (-30° to 93°C)

**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

# AB-375

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
304-02-362 <sup>1</sup>	1/32 (0.80)	36 (914.4)	600 (56.74)	200 (60.96)	118 (53.5)
304-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	114 (51.7)
304-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	157 (71.2)
304-06-482	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	171 (77.6)
304-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	115 (52.2)
304-08-482 <sup>1</sup>	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	153 (69.4)
304-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	138 (62.6)
304-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	185 (83.9)
304-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	174 (78.8)
304-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	246 (111.6)
304-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	207 (93.9)
304-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	276 (125.2)
304-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	276 (125.2)
304-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	368 (166.9)

<sup>1</sup> Made to order.



**AB-366**



GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	White

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1BF610 | FDA COMPLIANT  
POLYMER: NITRILE, STYRENE-BUTADIENE (NBR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.4
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 50% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Volume: 60% max.
TEMPERATURE RANGE (general guideline)		-40° to 200°F (-40° to 93°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**Meets the requirements for FDA 21 CFR 177.2600: "Rubber articles intended for repeated use may be safely used in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food, subject to the provisions of this section."**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-366



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
307-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	129 (58.5)
307-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	171 (77.6)
307-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	147 (66.7)
307-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	129 (58.5)
307-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	171 (77.6)
307-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	152 (68.9)
307-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	202 (91.6)
307-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	206 (93.4)
307-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	274 (124.3)
307-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	309 (140.2)
307-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	417 (189.2)

<sup>1</sup> Made to order.



**AmericanBiltrite**  
IndustrialRubber

# SECTION 5 **BUTYL (IIR)**

## ADVANTAGES

- + Outstanding impermeability to gases and vapor
- + Very good resistance to heat, oxygen, ozone and sunlight
- + High energy absorption (damping)
- + Excellent resistance to alkalis and oxygenated solvents
- + Good hot tear strength
- + Superior resistance to water and steam



## APPLICATIONS\*

- + Gaskets
- + Seals
- + Linings

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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**AB-465**

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 3BA610A14C12  
POLYMER: BUTYL (IIR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.24
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D1149	OZONE RESISTANCE	70 hrs 50 PPHM @ 40°C/°F No cracking
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-30° to 212°F (-34° to 100°C)

**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**  
**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
360-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	158 (71.7)
360-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	119 (54.0)
360-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	159 (72.1)
360-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	144 (65.3)
360-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	191 (86.6)
360-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	255 (115.7)

<sup>1</sup> Made to order.

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IndustrialRubber

# SECTION 6

# ETHYLENE PROPYLENE DIENE (EPDM)

## ADVANTAGES

- + Excellent resistance to heat, ozone and sunlight
- + Very good flexibility at low temperatures
- + Good resistance to alkalis, acids and oxygenated solvents
- + Superior resistance to water and steam
- + Excellent color stability



## APPLICATIONS\*

- + Gaskets
- + Washers
- + Weather-strippings
- + Automotives
- + Electrical applications
- + Food applications  
(FDA compliant)
- + Potable water applications  
(NSF/ANSI 61 certified)
- + Linings

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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## AB-553

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 3BA508A14C12F17  
POLYMER: ETHYLENE PROPYLENE (EPDM)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.16
D2240	HARDNESS (shore A)	50
D412	TENSILE (psi)	800 min.
	ULTIMATE ELONGATION (%)	300 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D1149	OZONE RESISTANCE	70 hrs 50 PPHM @ 40°C/°F No cracking
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-40° to 250°F (-40° to 121°C)

Maximum pieces per roll: 2

Minimum piece length: 10'

Width tolerance: -0 / +1"

Material is within commercial sheet rubber gauge tolerances.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
354-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	150 (68.0)
354-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	110 (49.9)
354-08-482 <sup>1</sup>	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	146 (66.2)
354-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	176 (79.8)
354-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	176 (49.8)
354-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	234 (106.1)

<sup>1</sup> Made to order.

**GOODYEAR**  
RUBBER PRODUCTS, INC.

 **727-342-5088**

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## AB-563

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 3BA608A14C12F17  
POLYMER: ETHYLENE PROPYLENE (EPDM)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.2
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	800 min.
	ULTIMATE ELONGATION (%)	300 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D1149	OZONE RESISTANCE	70 hrs 50 PPHM @ 40°C (104°F) No cracking
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-40° to 250°F (-40° to 121°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# ETHYLENE PROPYLENE DIENE

## AB-563

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
364-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	114 (51.7)
364-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	149 (67.6)
364-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	128 (58.1)
364-06-482	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	171 (77.6)
364-06-552 <sup>1</sup>	3/32 (2.38)	55 (1397.0)	299 (27.78)	65 (19.81)	170 (77.1)
364-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	124 (56.2)
364-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	174 (79.0)
364-08-602	1/8 (3.20)	60 (1524.0)	250 (23.22)	50 (15.24)	187 (84.8)
364-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	142 (64.4)
364-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	189 (85.7)
364-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	189 (85.7)
364-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	251 (113.9)
364-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	210 (95.3)
364-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	280 (127.1)
364-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	90 (8.36)	30 (9.14)	283 (128.4)
364-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	376 (170.6)
364-64-362 <sup>1</sup>	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	559 (253.6)

<sup>1</sup> Made to order.



## AB-566



GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	White

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BA610 | FDA COMPLIANT  
POLYMER: ETHYLENE PROPYLENE (EPDM)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.33
D2240	HARDNESS (shore A)	60 +/- 5
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	22 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: -30% max. Elongation: +/-50% max.
TEMPERATURE RANGE (general guideline)		-40° to 250°F (-40° to 121°C)

Maximum pieces per roll: 2

Minimum piece length: 10'

Width tolerance: -0 / +1"

Material is within commercial sheet rubber gauge tolerances.

Meets the requirements for FDA 21 CFR 177.2600: "Rubber articles intended for repeated use may be safely used in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food, subject to the provisions of this section."

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
566-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	175 (79.4)
566-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	280 (127.0)

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## AB-576 (NSF/ANSI/CAN 61 & 372)



Certified to  
NSF/ANSI/CAN 61  
& 372

GRADE	Specification
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BA715Z1 | Z1= HARDNESS 75 +/-5 SHORE A  
ASTM D1330 GRADES 1 & 2 AND MEETS AWWA STANDARD C111/A21.11 (TABLE 4)  
POLYMER: ETHYLENE PROPYLENE (EPDM)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.17
D2240	HARDNESS (shore A)	75 +/-5
D412	TENSILE (psi)	1500 min.
	ULTIMATE ELONGATION (%)	250 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D1149	OZONE RESISTANCE	72 hrs 100 pphm @ 40°C (104°F) No cracking
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 20% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
	Pressure, Maximum, psig (bar) Maximum *P x T (1/16 inch) *Pressure x Temperature	250 (17) 30,000 (°F x psig)
D149	DIELECTRIC PROPERTIES, range, volts/mil Sample conditioning None	< 2 (1/8")
	TEMPERATURE RANGE (general guideline)	-40° to 275°F (-40° to 135°C)

Maximum pieces per roll: 2

Minimum piece length: 10'

Material is within commercial sheet rubber gauge tolerances.

Width tolerance: -0 / +1"

FDA Approved ingredients per 21 CFR 177.2600

Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

## AB-576 (NSF/ANSI/CAN 61 & 372)



Certified to  
NSF/ANSI/CAN 61  
& 372

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
386-04-482	1/16 (1.60)	48 (1219.2)	200 (18.58)	50 (15.24)	71 (32.2)
386-08-482	1/8 (3.20)	48 (1219.2)	100 (9.29)	25 (7.62)	71 (32.2)
386-08-604	1/8 (3.20)	60 (1524.0)	125 (11.63)	25 (7.62)	89 (40.4)
386-12-482	3/16 (4.80)	48 (1219.2)	80 (7.43)	20 (6.10)	84 (38.1)
386-16-482	1/4 (6.35)	48 (1219.2)	80 (7.43)	20 (6.10)	114 (51.7)



**AmericanBilrite**  
IndustrialRubber

# SECTION 7 FLUOROELASTOMER (FKM)

## ADVANTAGES

- + Excellent chemical resistance
- + Excellent sealing capability in aggressive environments
- + Wide temperature range
- + UV & Ozone resistant
- + Resistant to liquid permeation in severe conditions
- + Cinnamon scented for easy identification



## APPLICATIONS\*

- + Automotives
- + Mechanical devices
- + Gas and chemical processing
- + Mining
- + Hydraulic systems
- + Diggers
- + Forestry
- + Spring-loaded cylinders on vehicles
- + Wind power
- + Gearboxes
- + High vacuum applications

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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**IM-75**

GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2240 | Z1= HARDNESS 75 +/-5 SHORE A  
POLYMER: FLUOROELASTOMER (FKM)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.95
D2240	HARDNESS (Shore A)	75 +/-5
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	225 min.
TEMPERATURE RANGE (general guideline)		-20° to 450°F (-29° to 232°C)

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
350-04-482	1/16 (1.60)	48 (1219.2)	200 (18.58)	50 (15.24)	150 (68.0)
350-04-486	1/16 (1.60)	48 (1219.2)	100 (9.29)	25 (7.62)	75 (34.0)
350-04-488	1/16 (1.60)	48 (1219.2)	40 (3.72)	10 (3.05)	30 (13.6)
350-04-489	1/16 (1.60)	48 (1219.2)	20 (1.86)	5 (1.52)	15 (6.8)
350-08-482	1/8 (3.20)	48 (1219.2)	204 (18.95)	51 (15.55)	286 (129.7)
350-08-486	1/8 (3.20)	48 (1219.2)	100 (9.29)	25 (7.62)	140 (63.5)
350-08-488	1/8 (3.20)	48 (1219.2)	40 (3.72)	10 (3.05)	56 (25.4)
350-08-489	1/8 (3.20)	48 (1219.2)	20 (1.86)	5 (1.52)	28 (12.7)
350-12-482	3/16 (4.80)	48 (1219.2)	80 (7.43)	20 (6.10)	152 (68.9)
350-16-482	1/4 (6.35)	48 (1219.2)	80 (7.43)	20 (6.10)	202 (91.6)

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**AmericanBilrite**  
IndustrialRubber

# SECTION 8 SILICONE

## ADVANTAGES

- + Excellent resistance to extreme temperatures
- + Excellent resistance to UV, ozone, and weathering
- + Highly resistant to erosion for a long wear life
- + High tear resistance
- + Low compression set
- + Resists most fluids encountered in general industrial applications
- + Resists deformation under severe thermal stress



## APPLICATIONS\*

- + Gaskets, seals, and other die-cut components
- + Energy, oil, and gas
- + Rails
- + Electrical and construction
- + Strippings
- + Agriculture
- + Solar

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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## IM-S60

GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Terracotta red

### TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2240 | Z1= HARDNESS 60 +/-5 SHORE A  
POLYMER: SILICONE RUBBER

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	60 +/- 5
D412	TENSILE (psi)	800 typical
	ULTIMATE ELONGATION (%)	400 typical
TEMPERATURE RANGE (general guideline)		-80° to 450°F (-62° to 232°C)

**The maximum temperature is for instantaneous and not continuous applications.  
Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
861-04-362	1/16 (1.60)	36 (914.4)	150 (13.93)	50 (15.24)	61 (27.9)
861-04-368	1/16 (1.60)	36 (914.4)	30 (9.14)	10 (3.05)	12 (5.4)
861-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	123 (55.8)
861-08-368	1/8 (3.20)	36 (914.4)	30 (9.14)	10 (3.05)	25 (11.3)
861-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	164 (74.4)
861-08-488	1/8 (3.20)	48 (1219.2)	40 (12.20)	10 (3.05)	33 (14.9)
861-16-362	1/4 (6.35)	36 (914.4)	150 (13.93)	50 (15.24)	246 (111.6)
861-16-368	1/4 (6.35)	36 (914.4)	30 (9.14)	10 (3.05)	49 (22.2)

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IndustrialRubber

# SECTION 9

# FABRIC REINFORCED

# RUBBER

## ADVANTAGES

- + Maximizes conformity / resists deformation
- + Reduces gasket creep where heavy flange loading is needed
- + Ideal where mechanical fastening is essential
- + Dimensional stability under high compression loads
- + Several polymer and fabric options



## APPLICATIONS\*

Low line pressure applications

- + Air, cold, hot water saturated steam
- + Low pressure steam

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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# AB-951 NEOPRENE CLOTH INSERTED PACKING

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Polyester

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC706Z1 | Z1= HARDNESS 65 +/- 5 SHORE A  
POLYMER: NITRILE, STYRENE-BUTADIENE, NEOPRENE (NBR/SBR/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.45
D2240	HARDNESS (shore A)	65 +/-5
D412	TENSILE (psi)	600 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Mullen Burst 1 Ply: 300 psi typical**  
**Maximum pieces per roll: 2 (exception 1/32" & 1/8" x 72 = 3 pieces)**  
**Minimum piece length: 5'**  
**Width tolerance: -0 / +1"**  
**Fabric 2 oz. polyester**  
**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.  
 Please ensure the product meets your application specification prior to order placement.  
 Specifications are subject to change without notice. The website version prevails.

# AB-951 NEOPRENE CLOTH INSERTED PACKING

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
121-08-362	1/8 (3.20) 1 PLY	36 (914.4)	150 (13.93)	50 (15.24)	139 (63.1)
121-08-482	1/8 (3.20) 1 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	185 (83.9)
121-08-722	1/8 (3.20) 1 PLY	72 (1828.8)	300 (27.87)	50 (15.24)	277 (125.6)
121-12-362 <sup>1</sup>	3/16 (4.80) 2 PLY	36 (914.4)	120 (11.15)	40 (12.19)	165 (74.8)
121-16-482 <sup>1</sup>	1/4 (6.35) 2 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	299 (135.6)
123-02-482	1/32 (0.80) 1 PLY	48 (1219.2)	800 (74.32)	200 (60.96)	151 (68.5)
123-04-362 <sup>1</sup>	1/16 (1.60) 1 PLY	36 (914.4)	300 (27.87)	100 (30.48)	142 (64.4)
123-04-482	1/16 (1.60) 1 PLY	48 (1219.2)	400 (37.16)	100 (30.48)	190 (86.2)
123-08-362 <sup>1</sup>	1/8 (3.20) 2 PLY	36 (914.4)	150 (13.93)	50 (15.24)	136 (61.7)
123-08-482	1/8 (3.20) 2 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	181 (82.1)
123-12-362 <sup>1</sup>	3/16 (4.80) 3 PLY	36 (914.4)	120 (11.15)	40 (12.19)	164 (74.4)
123-12-482	3/16 (4.80) 3 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	218 (98.9)
123-16-482	1/4 (6.35) 4 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	274 (124.3)

<sup>1</sup> Made to order.



# IM-950 NEOPRENE CLOTH INSERTED PACKING

GRADE	Commercial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black
FABRIC	Nylon

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2240 | Z1= HARDNESS 65 +/-7 SHORE A  
POLYMER: NEOPRENE BLEND

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	65 +/- 7
D412	TENSILE (psi)	600 typical
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Mullen Burst 1 Ply: 300 psi typical**  
**Maximum pieces per roll: 1**  
**Width tolerance: +/-1"**  
**Durometer Tolerance: +/-7 points**  
**Fabric: Nylon**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

Physical properties based on rubber only.

# IM-950 NEOPRENE CLOTH INSERTED PACKING

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
103-04-362 <sup>1</sup>	1/16 (1.60) 1 PLY	36 (914.4)	300 (27.87)	100 (30.48)	136 (61.7)
103-04-482	1/16 (1.60) 1 PLY	48 (1219.2)	400 (37.16)	100 (30.48)	190 (86.3)
103-08-362 <sup>1</sup>	1/8 (3.20) 2 PLY	36 (914.4)	150 (13.93)	50 (15.24)	136 (61.7)
103-08-482	1/8 (3.20) 2 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	190 (86.3)
103-12-362	3/16 (4.80) 3 PLY	36 (914.4)	120 (11.15)	40 (12.19)	164 (74.4)
103-12-482 <sup>1</sup>	3/16 (4.80) 3 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	218 (98.9)
103-16-362 <sup>1</sup>	1/4 (6.35) 4 PLY	36 (914.4)	120 (11.15)	40 (12.19)	218 (98.9)
103-16-482 <sup>1</sup>	1/4 (6.35) 4 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	291 (132.0)
104-08-362	1/8 (3.20) 1 PLY	36 (914.4)	150 (13.93)	50 (15.24)	143 (64.7)
104-08-482	1/8 (3.20) 1 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	190 (86.3)
104-12-362 <sup>1</sup>	3/16 (4.80) 2 PLY	36 (914.4)	120 (11.15)	40 (12.19)	164 (74.4)
104-12-482	3/16 (4.80) 2 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	228 (103.4)
104-16-362 <sup>1</sup>	1/4 (6.35) 3 PLY	36 (914.4)	120 (11.15)	40 (12.19)	218 (98.9)
104-16-482	1/4 (6.35) 3 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	304 (137.9)

<sup>1</sup> Made to order.



# AB-984 SBR CLOTH INSERTED PACKING

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Polyester

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1AA805  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.51
D2240	HARDNESS (shore A)	80
D412	TENSILE (psi)	500 min.
	ULTIMATE ELONGATION (%)	100 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Mullen Burst 1 Ply: 300 psi typical**

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Fabric 2 oz. polyester**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-984

## SBR CLOTH INSERTED PACKING

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
117-04-362	1/16 (1.60) 1 PLY	36 (914.4)	300 (27.87)	100 (30.48)	142 (64.4)
117-04-482	1/16 (1.60) 1 PLY	48 (1219.2)	400 (37.16)	100 (30.48)	189 (85.7)
117-06-362	3/32 (2.38) 1 PLY	36 (914.4)	225 (20.90)	75 (22.85)	159 (72.1)
117-06-482 <sup>1</sup>	3/32 (2.38) 1 PLY	48 (1219.2)	300 (27.87)	75 (22.85)	211 (95.7)
117-08-362	1/8 (3.20) 1 PLY	36 (914.4)	150 (13.93)	50 (15.24)	143 (64.9)
117-08-482	1/8 (3.20) 1 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	190 (86.2)
117-12-362	3/16 (4.80) 2 PLY	36 (914.4)	120 (11.15)	40 (12.19)	170 (77.1)
117-12-482	3/16 (4.80) 2 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	227 (102.9)
117-16-362	1/4 (6.35) 2 PLY	36 (914.4)	120 (11.15)	40 (12.19)	229 (103.9)
117-16-482	1/4 (6.35) 2 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	305 (138.3)
118-08-362	1/8 (3.20) 2 PLY	36 (914.4)	150 (13.93)	50 (15.24)	143 (64.9)
118-08-482	1/8 (3.20) 2 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	191 (86.6)
118-08-722 <sup>1</sup>	1/8 (3.20) 2 PLY	72 (1828.8)	300 (27.87)	50 (15.24)	286 (129.7)

<sup>1</sup> Made to order.



# AB-2102 SBR CLOTH INSERTED PACKING

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Polyester

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 2AA607A13  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.33
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	700 min.
	ULTIMATE ELONGATION (%)	250 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Mullen Burst 1 Ply: 300 psi typical**  
**Maximum pieces per roll: 2 (Exception: 1/8 x 72 = 3 pieces)**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**  
**Fabric 2 oz. polyester**  
**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.  
 Please ensure the product meets your application specification prior to order placement.  
 Specifications are subject to change without notice. The website version prevails.

# AB-2102

## SBR CLOTH INSERTED PACKING

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
112-04-362	1/16 (1.60) 1 PLY	36 (914.4)	300 (27.87)	100 (30.48)	124 (56.2)
112-04-482	1/16 (1.60) 1 PLY	48 (1219.2)	400 (37.16)	100 (30.48)	166 (75.3)
112-08-362	1/8 (3.20) 1 PLY	36 (914.4)	150 (13.93)	50 (15.24)	129 (58.5)
112-08-482	1/8 (3.20) 1 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	172 (78.0)
112-08-722	1/8 (3.20) 1 PLY	72 (1828.8)	300 (27.87)	50 (15.24)	257 (116.6)
112-12-362	3/16 (4.80) 2 PLY	36 (914.4)	120 (11.15)	40 (12.19)	149 (67.6)
112-12-482	3/16 (4.80) 2 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	198 (89.8)
112-16-362	1/4 (6.35) 3 PLY	36 (914.4)	120 (11.15)	40 (12.19)	199 (90.3)
112-16-482	1/4 (6.35) 3 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	266 (120.7)
112-16-722 <sup>1</sup>	1/4 (6.35) 3 PLY	72 (1828.8)	240 (22.29)	40 (12.19)	394 (178.7)
116-08-362	1/8 (3.20) 2 PLY	36 (914.4)	150 (13.93)	50 (15.24)	123 (55.8)
116-08-482	1/8 (3.20) 2 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	163 (73.9)
116-12-362 <sup>1</sup>	3/16 (4.80) 3 PLY	36 (914.4)	120 (11.15)	40 (12.19)	148 (67.1)
116-12-482	3/16 (4.80) 3 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	197 (89.4)
116-16-362 <sup>1</sup>	1/4 (6.35) 4 PLY	36 (914.4)	120 (11.15)	40 (12.19)	197 (89.4)
116-16-482	1/4 (6.35) 4 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	263 (119.3)

<sup>1</sup> Made to order.



# IM-2100 SBR CLOTH INSERTED PACKING

GRADE	Commercial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black
FABRIC	Nylon

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2240 | Z1= HARDNESS 65 +/-7 SHORE A  
POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	65 +/- 7
D412	TENSILE (psi)	500 typical
	ULTIMATE ELONGATION (%)	250 min.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Mullen Burst 1 Ply: 300 psi typical**

**Maximum pieces per roll: 1**

**Width tolerance: +/-1"**

**Fabric: Nylon**

**Durometer tolerance +/-7**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

Physical properties based on rubber only.

# IM-2100 SBR CLOTH INSERTED PACKING

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
101-04-362	1/16 (1.60) 1 PLY	36 (914.4)	300 (27.87)	100 (30.48)	148 (67.1)
101-04-482	1/16 (1.60) 1 PLY	48 (1219.2)	400 (37.16)	100 (30.48)	197 (89.3)
101-08-362	1/8 (3.20) 2 PLY	36 (914.4)	150 (13.93)	50 (15.24)	147 (66.9)
101-08-482	1/8 (3.20) 2 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	197 (89.3)
101-12-362	3/16 (4.80) 3 PLY	36 (914.4)	120 (11.15)	40 (12.19)	177 (80.2)
101-12-482	3/16 (4.80) 3 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	236 (107.0)
101-16-362	1/4 (6.35) 4 PLY	36 (914.4)	120 (11.15)	40 (12.19)	236 (107.0)
101-16-482	1/4 (6.35) 4 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	315 (142.7)
102-08-362	1/8 (3.20) 1 PLY	36 (914.4)	150 (13.93)	50 (15.24)	148 (66.9)
102-08-482	1/8 (3.20) 1 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	197 (89.2)
102-12-362	3/16 (4.80) 2 PLY	36 (914.4)	120 (11.15)	40 (12.19)	177 (80.3)
102-12-482	3/16 (4.80) 2 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	236 (107.0)
102-16-362	1/4 (6.35) 3 PLY	36 (914.4)	120 (11.15)	40 (12.19)	236 (107.0)
102-16-482	1/4 (6.35) 3 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	315 (412.8)



# AB-3205 NEOPRENE CLOTH INSERTED PACKING

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Polyester

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000 2BC714A14B14E014E034  
POLYMER: NEOPRENE, STYRENE-BUTADIENE (CR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.58
D2240	HARDNESS (shore A)	70
D412	TENSILE (psi)	1400 min.
	ULTIMATE ELONGATION (%)	250 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 35% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +15 points max. Tensile: -15% max. Elongation: -40% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Hardness: +/-10 points max. Tensile: -70% max. Elongation: -55% max. Volume: +120% max.
TEMPERATURE RANGE (general guideline)		-20° to 212°F (-29° to 100°C)

**Mullen Burst 1 Ply: 700 psi typical**

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Fabric 9.7 oz. polyester**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-3205 NEOPRENE CLOTH INSERTED PACKING

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
255-04-482	1/16 (1.60) 1 PLY	48 (1219.2)	400 (37.16)	100 (30.48)	196 (88.9)
255-06-482	3/32 (2.38) 1 PLY	48 (1219.2)	300 (27.87)	75 (22.85)	227 (102.9)
255-08-482	1/8 (3.20) 2 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	183 (83.0)
255-12-482	3/16 (4.80) 3 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	214 (97.1)
255-16-482	1/4 (6.35) 4 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	283 (128.4)



# AB-3275 NEOPRENE CLOTH INSERTED PACKING

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Polyester

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000 1BC712

POLYMER: NITRILE, STYRENE-BUTADIENE, NEOPRENE (NBR/SBR/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.42
D2240	HARDNESS (shore A)	70
D412	TENSILE (psi)	1200 min.
	ULTIMATE ELONGATION (%)	250 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: - 50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Mullen Burst 1 Ply: 600 psi typical**

**Maximum pieces per roll: 2**

**Minimum piece length: 5'**

**Width tolerance: -0 / +1"**

**Fabric 9 oz. polyester**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-3275 NEOPRENE CLOTH INSERTED PACKING

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
327-04-602	1/16 (1.60) 1 PLY	60 (1524.0)	250 (23.22)	50 (15.24)	104 (47.2)
327-08-602	1/8 (3.20) 1 PLY	60 (1524.0)	125 (11.61)	25 (7.62)	109 (49.4)
327-12-602 <sup>1</sup>	3/16 (4.80) 2 PLY	60 (1524.0)	100 (9.29)	20 (6.09)	126 (57.2)
327-16-602 <sup>1</sup>	1/4 (6.35) 2 PLY	60 (1524.0)	75 (6.96)	15 (4.57)	129 (58.5)
328-08-602	1/8 (3.20) 2 PLY	60 (1524.0)	125 (11.61)	25 (7.62)	113 (51.3)
328-12-602 <sup>1</sup>	3/16 (4.80) 3 PLY	60 (1524.0)	100 (9.29)	20 (6.09)	135 (61.2)
328-16-602	1/4 (6.35) 4 PLY	60 (1524.0)	75 (6.96)	15 (4.57)	130 (58.9)

<sup>1</sup> Made to order.



# AB-3210 NEOPRENE DIAPHRAGM

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Nylon

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 2BC714A14B14E014E034  
POLYMER: NEOPRENE, STYRENE-BUTADIENE (CR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.41
D2240	HARDNESS (shore A)	70
D412	TENSILE (psi)	1400 min.
	ULTIMATE ELONGATION (%)	250 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 35% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +15 points max. Tensile: -15% max. Elongation: -40% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Hardness: +/-10 points max. Tensile: -70% max. Elongation: -55% max. Volume: +120% max.
TEMPERATURE RANGE (general guideline)		-20° to 212°F (-29° to 100°C)

**Mullen Burst 1 Ply: 800 psi typical**

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Fabric 14 oz. nylon**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-3210 NEOPRENE DIAPHRAGM

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
234-04-542	1/16 (1.60) 1 PLY	54 (1371.6)	450 (41.80)	100 (30.48)	217 (98.4)
234-08-542	1/8 (3.20) 1 PLY	54 (1371.6)	225 (20.90)	50 (15.24)	205 (93.0)
236-08-542	1/8 (3.20) 1 PLY	54 (1371.6)	225 (20.90)	50 (15.24)	208 (94.3)
236-12-542	3/16 (4.80) 2 PLY	54 (1371.6)	113 (10.49)	25 (7.62)	154 (69.9)
236-16-542	1/4 (6.35) 2 PLY	54 (1371.6)	113 (10.49)	25 (7.62)	214 (97.1)



# AB-3220 NEOPRENE DIAPHRAGM

GRADE	Commercial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Nylon

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC706Z1 | Z1= HARDNESS 65 +/-5 SHORE A  
POLYMER: STYRENE-BUTADIENE, NITRILE, NEOPRENE (SBR/NBR/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.46
D2240	HARDNESS (shore A)	65 +/- 5
D412	TENSILE (psi)	600 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Mullen Burst 1 Ply: 800 psi typical**  
**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**  
**Fabric 14 oz. nylon**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-3220 NEOPRENE DIAPHRAGM

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
239-04-542	1/16 (1.60) 1 PLY	54 (1371.6)	450 (41.80)	100 (30.48)	200 (90.7)
239-06-542 <sup>1</sup>	3/32 (2.38) 1 PLY	54 (1371.6)	338 (31.40)	75 (22.85)	252 (114.3)
239-08-542 <sup>1</sup>	1/8 (3.20) 1 PLY	54 (1371.6)	225 (20.90)	50 (15.24)	205 (93.0)
246-08-542	1/8 (3.20) 2 PLY	54 (1371.6)	225 (20.90)	50 (15.24)	206 (93.4)
246-12-542 <sup>1</sup>	3/16 (4.80) 2 PLY	54 (1371.6)	113 (10.49)	25 (7.62)	155 (70.3)
246-16-542	1/4 (6.35) 2 PLY	54 (1371.6)	113 (10.49)	25 (7.62)	216 (98.0)

<sup>1</sup> Made to order.



# AB-3228 NEOPRENE DIAPHRAGM

GRADE	Commercial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Nylon

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BC706Z1 | Z1= HARDNESS 65 +/-5 SHORE A  
POLYMER: STYRENE-BUTADIENE, NITRILE, NEOPRENE (SBR/NBR/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.46
D2240	HARDNESS (shore A)	65 +/- 5
D412	TENSILE (psi)	600 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Mullen Burst 1 Ply: 600 psi typical**

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Fabric 4.3 oz. nylon**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-3228

## NEOPRENE DIAPHRAGM

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
241-04-482	1/16 (1.60) 1 PLY	48 (1219.2)	400 (37.16)	100 (30.48)	198 (89.8)
241-06-482 <sup>1</sup>	3/32 (2.38) 1 PLY	48 (1219.2)	300 (27.87)	75 (22.85)	217 (98.4)
241-08-482 <sup>1</sup>	1/8 (3.20) 1 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	203 (92.1)
242-08-482	1/8 (3.20) 2 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	203 (92.1)
242-12-482 <sup>1</sup>	3/16 (4.80) 2 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	220 (99.8)
242-16-482	1/4 (6.35) 2 PLY	48 (1219.2)	160 (14.86)	40 (12.19)	298 (135.2)

<sup>1</sup> Made to order.



# AB-3560 ETHYLENE PROPYLENE DIENE DIAPHRAGM

GRADE	Commercial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black
FABRIC	Nylon

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 3BA608A14C12F17  
POLYMER: ETHYLENE PROPYLENE DIENE (EPDM)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.2
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	800 min.
	ULTIMATE ELONGATION (%)	250 min.
D2137	COLD TEMPERATURE	-40°C/°F
D1149	OZONE RESISTANCE	70 hrs @ 100 PPHM @ 40°C/°F No cracking
D395B	COMPRESSION SET	22 hrs @70°C (158°F) 50%
D573	HEAT AGING	70 hrs @100°C (212°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-40° to 250°F (-40° to 121°C)

**Mullen Burst 1 Ply: 600 psi typical**

**Maximum pieces per roll: 2**

**Minimum piece length: 5'**

**Width tolerance: -0 / +1"**

**Fabric 4.3 oz. nylon**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
366-04-482 <sup>1</sup>	1/16 (1.60) 1 PLY	48 (1219.2)	400 (37.16)	100 (30.48)	162 (73.5)
366-08-482	1/8 (3.20) 1 PLY	48 (1219.2)	200 (18.58)	50 (15.24)	163 (73.9)

<sup>1</sup> Made to order.

**GOODYEAR**  
RUBBER PRODUCTS, INC.

 **727-342-5088**

You can also email us at  
**[GRP@goodyearrubberproducts.com](mailto:GRP@goodyearrubberproducts.com)**



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# DURASHIELD®

## PREMIUM NATURAL RUBBER FOR TEAR AND ABRASION RESISTANCE

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### APPLICATIONS\*

- + Linings
- + Chutes
- + Hoppers
- + Cyclones
- + Pipes
- + Tanks
- + Bins/Boxes
- + Silos
- + Pulley lagging
- + Shaker screens
- + Sandblast curtains
- + Squeegees, and pads

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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# AB-140 DURASHIELD®



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 4AA430A13B13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.06	
D2240	HARDNESS (shore A)	40 +/- 5	
D412	TENSILE (psi)	3000 min.	3100 typical
	ULTIMATE ELONGATION (%)	600 min.	750 typical
D624	TEAR (lbs/in.)	350 typical	
	DIN ABRASION METHOD 53516	Wet: 40 mm <sup>3</sup> Dry: 160 mm <sup>3</sup>	
D2137	COLD TEMPERATURE	-40°C /°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 25% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.	
	TEMPERATURE RANGE (general guideline)	-40° to 180°F (-40° to 82°C)	

**Maximum pieces per roll: 1 (exception 1/16" = 2 pieces)**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-140 DURASHIELD®



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
132-04-482	1/16 (1.60)	48 (1219.2)	500 (46.45)	125 (38.10)	163 (73.9)
132-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	105 (9.76)	35 (10.67)	76 (34.4)
132-08-482	1/8 (3.20)	48 (1219.2)	140 (13.01)	35 (10.67)	101 (45.8)
132-12-482	3/16 (4.80)	48 (1219.2)	140 (13.01)	35 (10.67)	144 (65.3)
132-16-362	1/4 (6.35)	36 (914.4)	105 (9.76)	35 (10.67)	144 (65.3)
132-16-482	1/4 (6.35)	48 (1219.2)	140 (13.01)	35 (10.67)	192 (87.1)
132-24-482	3/8 (9.50)	48 (1219.2)	140 (13.01)	35 (10.67)	284 (128.8)
132-32-362	1/2 (12.70)	36 (914.4)	105 (9.76)	35 (10.67)	287 (130.1)
132-32-482	1/2 (12.70)	48 (1219.2)	140 (13.01)	35 (10.67)	382 (173.3)
132-32-552	1/2 (12.70)	55 (1397.0)	160 (14.86)	35 (10.67)	437 (198.2)
132-32-582 <sup>1</sup>	1/2 (12.70)	58 (1473.2)	145 (13.47)	30 (9.14)	384 (174.2)
132-48-482	3/4 (19.00)	48 (1219.2)	100 (9.29)	25 (7.62)	404 (183.2)
132-64-362	1 (25.40)	36 (914.4)	75 (6.96)	25 (7.62)	408 (185.1)
132-64-482 <sup>1</sup>	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	544 (246.8)

<sup>1</sup> Made to order.

This product is also available in slit widths – see SKIRT-SHIELD® on page 10.14.



# AB-144 DURASHIELD®



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 4AA630A13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.16	
D2240	HARDNESS (shore A)	60 +/-5	
D412	TENSILE (psi)	3000 min.	3300 typical
	ULTIMATE ELONGATION (%)	400 min.	450 typical
D624	TEAR (lbs/in.)	450 typical	
	DIN ABRASION METHOD 53516	Wet: 40 mm <sup>3</sup> Dry: 225 mm <sup>3</sup>	
D2137	COLD TEMPERATURE	-40°C /°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.	
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)	

**Maximum pieces per roll: 1**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
144-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	113 (51.3)
144-08-482	1/8 (3.20)	48 (1219.2)	140 (13.00)	35 (10.67)	105 (47.6)
144-12-486 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	140 (13.00)	35 (10.67)	157 (71.2)
144-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.67)	309 (140.2)

<sup>1</sup> Made to order.

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**AB-148 DURASHIELD®**



GRADE	Specialty
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 2AA325A13F17Z1 | Z1= HARDNESS 37 +/-5 SHORE A  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.05
D2240	HARDNESS (shore A)	37 +/-5
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	500 min.
D624	TEAR (lbs/in.)	200 typical
	DIN ABRASION METHOD 53516	Wet: 28 mm <sup>3</sup> Dry: 256 mm <sup>3</sup>
D1630	NBS ABRASION	65% typical
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-58° to 180°F (-50° to 82°C)

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
149-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	143 (64.8)
149-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	163 (73.9)
149-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	217 (98.4)
149-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	242 (109.8)

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**AB-160 DURASHIELD®**



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 4AA630A13F17Z1 | Z1= HARDNESS 60 -0/ +10 SHORE A  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.15
D2240	HARDNESS (shore A)	60 -0/+10
D412	TENSILE (psi)	3000 min.      3300 typical
	ULTIMATE ELONGATION (%)	400 min.
D624	TEAR (lbs/in.)	500 typical
	DIN ABRASION METHOD 53516	Wet: 20 mm <sup>3</sup> Dry: 150 mm <sup>3</sup>
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)

**Maximum piece per roll: 1**  
**Width tolerance: -0/ + 1"**  
**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.  
Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
138-08-482 <sup>1</sup>	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	158 (71.7)
138-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	200 (18.58)	50 (15.24)	237 (107.5)
138-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	200 (18.58)	50 (15.24)	299 (135.6)
138-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	200 (18.58)	50 (15.24)	442 (200.5)
138-32-482	1/2 (12.70)	48 (1219.2)	200 (18.58)	50 (15.24)	620 (281.2)

<sup>1</sup> Made to order.

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**AB-940 DURASHIELD®**



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 4AA430A13B13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.06
D2240	HARDNESS (shore A)	40
D412	TENSILE (psi)	3000 min.      3300 typical
	ULTIMATE ELONGATION (%)	600 min.
D624	TEAR (lbs/in.)	350 typical
	DIN ABRASION METHOD 53516	Wet: 40 mm <sup>3</sup> Dry: 160 mm <sup>3</sup>
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)

**Maximum pieces per roll: 1 (exception 1/16" = 3 pieces, minimum piece length: 10')**

**Width tolerance: -0/ +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**1 ply of 4.3 oz open weave nylon fabric.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
139-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	600 (55.75)	150 (45.72)	205 (93.0)
139-08-482	1/8 (3.20)	48 (1219.2)	140 (13.00)	35 (10.66)	97 (44.0)
139-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	140 (13.00)	35 (10.66)	145 (65.8)
139-16-482	1/4 (6.35)	48 (1219.2)	140 (13.00)	35 (10.66)	193 (87.5)
139-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.66)	290 (131.5)

<sup>1</sup> Made to order.

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**DURASHIELD® A+**



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Orange

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 4AA425A13B13F17  
POLYMER: NATURAL RUBBER (NR/BR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.03	
D2240	HARDNESS (shore A)	40	
D412	TENSILE (psi)	2500 min.	3000 typical
	ULTIMATE ELONGATION (%)	500 min.	700 typical
D624	TEAR (lbs/in.)	180 typical	
	DIN ABRASION METHOD 53516	Wet: 12 mm <sup>3</sup> Dry: 120 mm <sup>3</sup>	
D2137	COLD TEMPERATURE	-40°C/°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 25% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.	
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)	

**Maximum pieces per roll: 1**

**Width tolerance: -0 / +1"**

**Technical specifications are only for orange DURASHIELD® compound. Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# DURASHIELD® A+



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
153-32-362 <sup>1</sup>	1/2 (12.70)	36 (914.4)	150 (13.93)	50 (15.24)	397 (180.1)
153-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	200 (18.58)	50 (15.24)	529 (239.9)
153-48-362 <sup>1</sup>	3/4 (19.00)	36 (914.4)	75 (6.96)	25 (7.62)	295 (133.8)
153-48-482 <sup>1</sup>	3/4 (19.00)	48 (1219.2)	100 (9.29)	25 (7.62)	393 (178.3)
153-64-362 <sup>1</sup>	1 (25.40)	36 (914.4)	75 (6.96)	25 (7.62)	397 (180.1)

<sup>1</sup> Made to order.

This product is also available in slit widths – see SKIRT-SHIELD® A+ on page 10.14.



**AmericanBiltrite**  
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**GUARD-RITE™**

## **GUARD-RITE™**

### **ENGINEERED RUBBER LININGS FOR THE MINING INDUSTRY**

GUARD-RITE™ is American Biltrite's special line of products developed to meet the critical challenges of the rubber lining market for the mining industry. Engineered to cover an array of mining applications, GUARD-RITE™ products extend the service life of critical equipment and drastically reduce expensive downtime.

All GUARD-RITE™ products feature an adhesive-ready textured Polychloroprene (CR) bonding layer, allowing you to use the same adhesive system for the entire product line.



#### **APPLICATIONS\***

- + Storage vessels
- + Tumblers
- + Vibrators
- + Cyclones
- + Fans
- + Pumps
- + Pipes
- + Chutes
- + Hoppers
- + Bins
- + Skips
- + Pulley lagging
- + Shaker/trommel screens
- + Truck boxes
- + Mine cars
- + Slurry tanks
- + Flotation cells
- + Acid storage and transport (tanks, pipe, pump)
- + Limestone slurry tanks
- + Ferric chloride storage and transport
- + Ponds
- + Gutters
- + Tailings dumps
- + UV & ozone resistance

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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# TEAR-GUARD 40



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 4AA430A13B13F17

POLYMER: NATURAL RUBBER, NEOPRENE TEXTURED BONDING LAYER (NR/CR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.06	
D2240	HARDNESS (Shore A)	40	
D412	TENSILE (psi)	3000 min.	3300 typical
	ULTIMATE ELONGATION (%)	600 min.	700 typical
D624	TEAR (lbs/in.)	350 typical	
	DIN ABRASION METHOD 53516	Wet: 40 mm <sup>3</sup> Dry: 160 mm <sup>3</sup>	
D2137	COLD TEMPERATURE	-40°C/°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 25% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.	
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)	

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Technical specifications are for the product without the bonding layer.**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# TEAR-GUARD 40



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
134-08-482	1/8 (3.20)	48 (1219.2)	140 (13.00)	35 (10.67)	108 (49.0)
134-12-482	3/16 (4.80)	48 (1219.2)	140 (13.00)	35 (10.67)	155 (70.3)
134-16-482	1/4 (6.35)	48 (1219.2)	140 (13.00)	35 (10.67)	186 (84.4)
134-24-482	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.67)	295 (133.8)
134-32-482	1/2 (12.70)	48 (1219.2)	140 (13.00)	35 (10.67)	422 (191.4)



# TEAR-GUARD 60



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 4AA630A13F17

POLYMER: NATURAL RUBBER, NEOPRENE TEXTURED BONDING LAYER (NR/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.16
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	3000 min.      3300 typical
	ULTIMATE ELONGATION (%)	400 min.
D624	TEAR (lbs/in.)	450 typical
	DIN ABRASION METHOD 53516	Wet: 40 mm <sup>3</sup> Dry: 225 mm <sup>3</sup>
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 25% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)

**Maximum pieces per roll: 1**

**Minimum piece length: 10'**

**Width tolerance: -0/ +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**Technical specifications are for the product without the bonding layer.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
146-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	140 (13.00)	35 (10.67)	205 (93.0)
146-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.67)	307 (139.3)
146-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	140 (13.00)	35 (10.67)	410 (186.0)

<sup>1</sup> Made to order.

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# ABRASION-GUARD



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Orange

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 4AA425A13B13F17

POLYMER: NATURAL RUBBER, NEOPRENE TEXTURED BONDING LAYER (NR/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.03
D2240	HARDNESS (shore A)	40 +/- 5
D412	TENSILE (psi)	2500 min.      3000 typical
	ULTIMATE ELONGATION (%)	500 min.      700 typical
D624	TEAR (lbs/in.)	180 typical
	DIN ABRASION METHOD 53516	Wet: 12 mm <sup>3</sup> Dry: 120 mm <sup>3</sup>
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 25% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Technical specifications are for the product without the bonding layer.**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# ABRASION-GUARD



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
151-08-482	1/8 (3.20)	48 (1219.2)	140 (13.00)	35 (10.67)	98 (44.5)
151-12-482	3/16 (4.80)	48 (1219.2)	140 (13.00)	35 (10.67)	147 (66.7)
151-16-482	1/4 (6.35)	48 (1219.2)	140 (13.00)	35 (10.67)	177 (80.3)
151-24-482	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.67)	274 (124.3)
151-32-482	1/2 (12.70)	48 (1219.2)	140 (13.00)	35 (10.67)	375 (170.1)



# SUPREME-GUARD



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 4AA630A13F17Z1 | Z1= HARDNESS 60 -0/+10 SHORE A  
POLYMER: NATURAL RUBBER, NEOPRENE TEXTURED BONDING LAYER (NR/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.15
D2240	HARDNESS (shore A)	60 -0/+ 10
D412	TENSILE (psi)	3000 min. 3300 typical
	ULTIMATE ELONGATION (%)	400 min.
D624	TEAR (lbs/in.)	500 typical
	DIN ABRASION METHOD 53516	Wet: 20 mm <sup>3</sup> Dry: 150 mm <sup>3</sup>
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)

Maximum pieces per roll: 2

Minimum piece length: 10'

Width tolerance: -0 / +1"

Technical Specifications are for the product without bonding layer.

Material is within commercial sheet rubber gauge tolerances.

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
162-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	140 (13.00)	35 (10.67)	214 (97.1)
162-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.67)	320 (145.2)
162-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	140 (13.00)	35 (10.67)	429 (194.6)

<sup>1</sup> Made to order

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# CHEM-GUARD



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 3BA610A14C12  
POLYMER: BUTYL, NEOPRENE TEXTURED BONDING LAYER (IIR/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.24
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
D1149	OZONE RESISTANCE	70 hrs @ 40°C/°F @ 50 ppm No cracks
TEMPERATURE RANGE (general guideline)		-30° to 212°F (-34° to 100°C)

**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**

**Technical Specifications are for the product without bonding layer.**  
**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
365-08-482 <sup>1</sup>	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	160 (72.6)
365-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	140 (13.00)	35 (10.67)	229 (103.9)
365-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.67)	305 (138.3)
365-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	140 (13.00)	35 (10.67)	452 (205.0)

<sup>1</sup> Made to order.

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# HEAT-GUARD



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 3BA608A14C12F17

POLYMER: ETHYLENE PROPYLENE DIENE, NEOPRENE TEXTURED BONDING LAYER (EPDM/CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.20
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	800 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.
D1149	OZONE RESISTANCE	70 hrs @ 40°C/°F @ 50 ppm No cracks
D2137	COLD TEMPERATURE	-40°C/°F min.
TEMPERATURE RANGE (general guideline)		-40° to 250°F (-40° to 121°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0/ +1"**

**Technical specifications are for the product without bonding layer.**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
322-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	140 (13.00)	35 (10.67)	219 (99.3)
322-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.67)	228 (103.4)
322-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	140 (13.00)	35 (10.67)	438 (198.7)

<sup>1</sup> Made to order.

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# FLAME-GUARD



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 2BC625B14C12F17  
POLYMER: POLYCHLOROPRENE, NEOPRENE TEXTURED BONDING LAYER (CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.25
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	400 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 35% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D1149	OZONE RESISTANCE	100 hrs @ 37.7°C (99.86°F) @ 100 ppm No cracks
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Volume changed: 120% max.
CMVSS 302 FMVSS 302	FLAMMABILITY	Does not ignite or is self-extinguishing
C1166	FLAME PROPAGATION	Pass
TEMPERATURE RANGE (general guideline)		-40° to 250°F (-40° to 121°C)

**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**

**Technical specifications are for the product without the bonding layer.**  
**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

# FLAME-GUARD



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
320-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	140 (13.00)	35 (10.67)	229 (103.9)
320-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	140 (13.00)	35 (10.67)	343 (155.6)
320-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2)	140 (13.00)	35 (10.67)	458 (207.7)

<sup>1</sup> Made to order.



**AmericanBiltrite**  
IndustrialRubber

# SKIRT-SHIELD®

## PREMIUM NATURAL RUBBER SKIRTBOARD FOR CONVEYOR CONTAINMENT

For applications that call for higher abrasion resistance than standard skirtboard solutions can handle – bring in our SKIRT-SHIELD® products, the heavyweight contender for maximum strength. It is DURASHIELD® in slit widths, perfect for any conveyor. Skirt-Shield® is soft Natural Rubber that remains supple to increase belt life.



### APPLICATIONS\*

- + Conveyor containment
- + SKIRT-SHIELD® RED Optimal tear resistance
- + SKIRT-SHIELD® A+ ORANGE Ultimate abrasion resistance

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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# AB-140 SKIRT-SHIELD® (CUT TO WIDTH)



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Red

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 4AA430A13B13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.06	
D2240	HARDNESS (shore A)	40	
D412	TENSILE (psi)	3000min.	3100 typical
	ULTIMATE ELONGATION (%)	600 min.	750 typical
D624	TEAR (lbs/in.)	350 typical	
	DIN ABRASION METHOD 53516	Wet: 40 mm <sup>3</sup> Dry: 160 mm <sup>3</sup>	
D2137	COLD TEMPERATURE	-40°C/°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 25% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.	
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)	

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

## AB-140 SKIRT-SHIELD® (CUT TO WIDTH)



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
132-16-064	1/4 (6.35)	6 (152.4)	---	50 (15.24)	34 (15.4)
132-16-084	1/4 (6.35)	8 (203.2)	---	50 (15.24)	47 (21.3)
132-24-064	3/8 (9.50)	6 (152.4)	---	50 (15.24)	51 (23.1)
132-24-084	3/8 (9.50)	8 (203.2)	---	50 (15.24)	68 (30.8)
132-32-064	1/2 (12.70)	6 (152.4)	---	50 (15.24)	68 (30.8)
132-32-084	1/2 (12.70)	8 (203.2)	---	50 (15.24)	91 (41.3)



# SKIRT-SHIELD® A+ (CUT TO WIDTH)



GRADE	Premium
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Orange

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 4AA425A13B13F17  
POLYMER: NATURAL RUBBER (NR/CR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.03	
D2240	HARDNESS (shore A)	40	
D412	TENSILE (psi)	2500 min.	3000 typical
	ULTIMATE ELONGATION (%)	500 min.	700 typical
D624	TEAR (lbs/in.)	180 typical	
	DIN ABRASION METHOD 53516	Wet: 12 mm <sup>3</sup> Dry: 120 mm <sup>3</sup>	
D2137	COLD TEMPERATURE	-40°C/°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 25% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.	
TEMPERATURE RANGE (general guideline)		-40° to 180°F (-40° to 82°C)	

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# SKIRT-SHIELD® A+ (CUT TO WIDTH)



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
153-16-064	1/4 (6.35)	6 (152.4)	---	50 (15.24)	33 (14.9)
153-16-084	1/4 (6.35)	8 (203.2)	---	50 (15.24)	45 (20.4)
153-24-064	3/8 (9.50)	6 (152.4)	---	50 (15.24)	49 (22.2)
153-24-084	3/8 (9.50)	8 (203.2)	---	50 (15.24)	66 (29.9)
153-32-064	1/2 (12.70)	6 (152.4)	---	50 (15.24)	66 (29.9)
153-32-084	1/2 (12.70)	8 (203.2)	---	50 (15.24)	88 (39.9)
153-32-486	1/2 (12.70)	48 (1219.2)	---	50 (15.24)	529 (239.9)



**AmericanBiltrite**  
IndustrialRubber



Certified to  
NSF/ANSI/CAN 61  
& 372

## NSF/ANSI/CAN 61 & 372 CERTIFIED

### FOR POTABLE WATER APPLICATIONS

Suitable for use in potable water applications, this product is NSF/ANSI/CAN 61 certified by NSF International and meets the NSF 372 lead content rule for the cleanest and safest option for drinking water and wastewater purposes. This certification was obtained from extensive product testing and requires multiple audits by NSF International in our manufacturing facility to ensure product safety.

- + Excellent resistance to heat, ozone, and sunlight
- + Superior resistance to cold and hot water
- + ASTM Grade (D2000: 1BA715Z1)
- + Meets American Water Works Association Standard C111/A21.11
- + Made with FDA approved ingredients per 21 CFR 177.2600



### APPLICATIONS\*

- + Joining and sealing materials
- + Mechanical devices  
(water meters, valves, filters)
- + Plumbing devices
- + Pipes and related products (fittings)
- + Gaskets
- + Seals
- + Protective barrier materials

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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**AB-576 (NSF/ANSI/CAN 61 & 372)**



GRADE	Specification
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1BA715Z1 | Z1= HARDNESS 75 +/-5 SHORE A  
 ASTM D1330 GRADES 1 & 2 AND MEETS AWWA STANDARD C111/A21.11 (TABLE 4)  
 POLYMER: ETHYLENE PROPYLENE (EPDM)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.17
D2240	HARDNESS (shore A)	75 +/-5
D412	TENSILE (psi)	1500 min.
	ULTIMATE ELONGATION (%)	250 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D1149	OZONE RESISTANCE	72 hrs 100 pphm @ 40°C (104°F) No cracking
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 20% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
	Pressure, Maximum, psig (bar) Maximum *P x T (1/16 inch) *Pressure x Temperature	250 (17) 30,000 (°F x psig)
D149	DIELECTRIC PROPERTIES, range, volts/mil Sample conditioning None	< 2 (1/8")
	TEMPERATURE RANGE (general guideline)	-40° to 275°F (-40° to 135°C)

Maximum pieces per roll: 2  
 Minimum piece length: 10'  
 Material is within commercial sheet rubber gauge tolerances.  
 Width tolerance: -0 / +1"  
 FDA Approved ingredients per 21 CFR 177.2600

Please ensure the product meets your application specification prior to order placement.  
 Specifications are subject to change without notice. The website version prevails.

## AB-576 (NSF/ANSI/CAN 61 & 372)

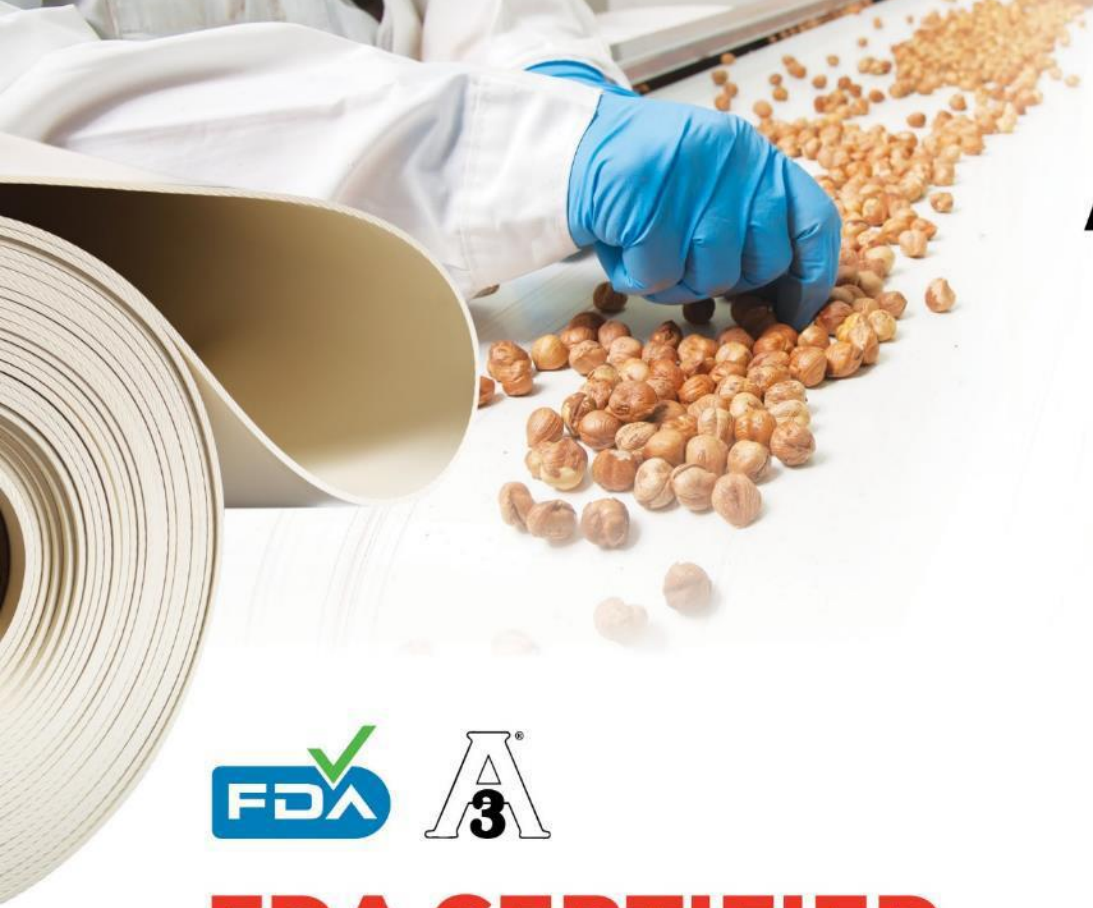


Certified to  
NSF/ANSI/CAN 61  
& 372

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
386-04-482	1/16 (1.60)	48 (1219.2)	200 (18.58)	50 (15.24)	71 (32.2)
386-08-482	1/8 (3.20)	48 (1219.2)	100 (9.29)	25 (7.62)	71 (32.2)
386-08-604	1/8 (3.20)	60 (1524.0)	125 (11.63)	25 (7.62)	89 (40.4)
386-12-482	3/16 (4.80)	48 (1219.2)	80 (7.43)	20 (6.10)	84 (38.1)
386-16-482	1/4 (6.35)	48 (1219.2)	80 (7.43)	20 (6.10)	114 (51.7)



**AmericanBiltrite**  
IndustrialRubber



## **FDA CERTIFIED**

### **FDA & 3A SANITARY STANDARDS COMPLIANT**

Our FDA compliant products are specifically formulated for safety when used in food applications. Tasteless, and non-toxic, these rubber products display a natural resistance to bacterial growth. We offer food grade products in Nitrile (NBR), Natural Rubber (NR), Ethylene Propylene Diene (EPDM), and Neoprene / Polychloroprene (CR). Meets the requirements for FDA 21 CFR 177.2600.

Our AB-366 Nitrile product also meets 3A Sanitary Standards, making it safe for dairy processing operations.



### **APPLICATIONS\***

- + General gaskets, counter tops, non-slip pads, and skirting used in food processing
- + Butcher shops
- + Pharmaceutical processing
- + Commercial kitchens
- + Hospitals
- + Food processing plants
- + Cosmetics industry
- + Industrial plants
- + Grocery stores

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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**AB-366**



GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	White

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1BF610 | FDA COMPLIANT  
POLYMER: NITRILE, STYRENE-BUTADIENE (NBR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.4
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 50% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Volume: 60% max.
TEMPERATURE RANGE (general guideline)		-40° to 200°F (-40° to 93°C)

**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**Meets the requirements for FDA 21 CFR 177.2600: "Rubber articles intended for repeated use may be safely used in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food, subject to the provisions of this section."**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

# AB-366



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
307-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	129 (58.5)
307-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	171 (77.6)
307-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	147 (66.7)
307-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	129 (58.5)
307-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	171 (77.6)
307-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	152 (68.9)
307-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	202 (91.6)
307-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	206 (93.4)
307-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	274 (124.3)
307-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	309 (140.2)
307-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	417 (189.2)

<sup>1</sup> Made to order.



**AB-138**



GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Beige

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 2AA420A13F17 | FDA COMPLIANT  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.14	
D2240	HARDNESS (shore A)	40	
D412	TENSILE (psi)	2000 min.	2500 typical
	ULTIMATE ELONGATION (%)	400 min.	700 typical
D2137	COLD TEMPERATURE	-40°C/°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: 15 points max. Tensile: +/-30% max. Elongation: -50% max.	
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)	

**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**Meets the requirements for FDA 21 CFR 177.2600: "Rubber articles intended for repeated use may be safely used in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food, subject to the provisions of this section."**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-138



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
128-04-362	1/16 (1.60)	36 (914.4)	300 (27.87)	100 (30.48)	106 (48.1)
128-04-482	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	141 (63.9)
128-06-362 <sup>1</sup>	3/32 (2.38)	36 (914.4)	225 (20.90)	75 (22.85)	121 (54.9)
128-06-482 <sup>1</sup>	3/32 (2.38)	48 (1219.2)	300 (27.87)	75 (22.85)	161 (73.0)
128-08-362	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	117 (53.1)
128-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	156 (70.8)
128-12-362	3/16 (4.80)	36 (914.4)	120 (11.15)	40 (12.19)	134 (60.8)
128-12-482	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	178 (80.7)
128-16-362	1/4 (6.35)	36 (914.4)	120 (11.15)	40 (12.19)	178 (80.7)
128-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	237 (107.5)
128-24-362 <sup>1</sup>	3/8 (9.50)	36 (914.4)	90 (8.36)	30 (9.14)	198 (89.8)
128-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	264 (119.7)
128-32-362	1/2 (12.70)	36 (914.4)	150 (13.93)	50 (15.24)	441 (200.0)
128-32-482	1/2 (12.70)	48 (1219.2)	200 (18.58)	50 (15.24)	588 (266.7)
128-40-362 <sup>1</sup>	5/8 (15.90)	36 (914.4)	90 (8.36)	30 (9.14)	331 (150.1)
128-40-482	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	441 (200.0)
128-48-362	3/4 (19.00)	36 (914.4)	90 (8.36)	30 (9.14)	392 (177.8)
128-48-482	3/4 (19.00)	48 (1219.2)	120 (11.15)	30 (9.14)	522 (236.8)
128-64-362	1 (25.40)	36 (914.4)	90 (8.36)	30 (9.14)	528 (239.5)
128-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	588 (266.7)

<sup>1</sup> Made to order.



# AB-566



GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	White

## TECHNICAL SPECIFICATIONS

SPECIFICATION ASTM D2000: 1BA610 | FDA COMPLIANT  
POLYMER: ETHYLENE PROPYLENE (EPDM)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.33
D2240	HARDNESS (shore A)	60 +/- 5
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	22 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: -30% max. Elongation: +/-50% max.
TEMPERATURE RANGE (general guideline)		-40° to 250°F (-40° to 121°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**Meets the requirements for FDA 21 CFR 177.2600: "Rubber articles intended for repeated use may be safely used in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food, subject to the provisions of this section."**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
566-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	175 (79.4)
566-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	280 (127.0)

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**AB-266**



GRADE	Industrial
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	White

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 1BC61Z21 Z1= HARDNESS 55 +/- 5 SHORE A | FDA COMPLIANT  
POLYMER: NEOPRENE (CR) BLEND

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.55
D2240	HARDNESS (shore A)	55 +/-5
D412	TENSILE (psi)	1200 min.
	ULTIMATE ELONGATION (%)	300 min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 80% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.
D471	FLUID RESISTANCE OIL #3	70 hrs @ 100°C (212°F) Changed in volume: 120% max.
TEMPERATURE RANGE (general guideline)		-20° to 190°F (-29° to 88°C)

**Maximum pieces per roll: 2**  
**Minimum piece length: 10'**  
**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

**Meets the requirements for FDA 21 CFR 177.2600: "Rubber articles intended for repeated use may be safely used in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food, subject to the provisions of this section."**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
25A-04-482 <sup>1</sup>	1/16 (1.60)	48 (1219.2)	400 (37.16)	100 (30.48)	175 (79.4)
25A-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	175 (79.4)
25A-12-482 <sup>1</sup>	3/16 (4.80)	48 (1219.2)	160 (14.86)	40 (12.19)	205 (93.0)
25A-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	292 (132.4)

<sup>1</sup> Made to order.

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**American Bilrite**  
Industrial Rubber



**TRANSEAL®**

## PREMIUM NITRILE FOR TRANSFORMER GASKETS

Transeal®— the environmentally responsible choice for transformer stability. Engineered specifically for use in electrical transformers, Transeal® is the ideal product for use in and around electrical equipment to maintain stability and prevent environmental damages. Transeal® resists oil leakage reducing the risks of soil contamination, health & safety issues, and unexpected downtime.

- + Unrivaled compression set values: 9% represents a typical test result. Standard Nitrile and cork options can run from 45% to over 75%
- + Silicone based oils have little effect on the Transeal® compound
- + Wide range of service temperatures



### APPLICATIONS\*

Where second-guessing a transformer gasket is never an option. All transformers should be manufactured and maintained with premium Transeal® gaskets, specifically engineered for this unique application.

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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**TG-65 TRANSEAL®**



GRADE	Premium
FINISH	See chart below
POWDER	See chart below
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION INDUSTRY SPEC CGE M4094E, ABB EUROPE AND HQ SN 14.1

ASTM D2000: M2BG617B14E014EO34Z1 or 2BG624B14EO14EO34Z1 = Z1= HARDNESS 65 +/-5 SHORE A

POLYMER: NITRILE (NBR) (BUNA N)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.17
D2240	HARDNESS (shore A)	65 +/- 5
D412	TENSILE (psi)	1500 min.      2700 typical
	ULTIMATE ELONGATION (%)	350 min.      550 typical
D2137	COLD TEMPERATURE	-30°C (-22°F) min.
D395B	COMPRESSION SET	70 hrs @ 100°C (212°F) 16% max.
D573	HEAT AGING	3 weeks @ 120°C (248°F) Changed Hardness: 18 points Tensile: 2% max. Elongation: -66% max.
D471	OIL AGING #3	4 weeks @ 125°C (257°F) Voltesso 35 Oil Changed Hardness: 3 points Tensile: -60% max. Elongation: -78% max. Mass: 10% Volume: 12%
TEMPERATURE RANGE (general guideline)		-20° to 250°F (-29° to 121°C)

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0/+1"**

**Special thickness tolerances apply to TG-65 skus.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# TG-65 TRANSEAL®



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
306-04-362 <sup>1</sup> **	1/16 (1.60)	36 (914.4) <sup>3</sup>	300 (27.87)	100 (30.48)	120 (54.4)
306-04-482 <sup>1</sup> **	1/16 (1.60)	48 (1219.2) <sup>3</sup>	400 (37.16)	100 (30.48)	161 (73.0)
306-06-482 <sup>1</sup> **	3/32 (2.38)	48 (1219.2) <sup>3</sup>	300 (27.87)	75 (22.85)	175 (79.4)
306-08-362 <sup>1</sup> **	1/8 (3.20)	36 (914.4) <sup>3</sup>	150 (13.93)	50 (15.24)	117 (53.1)
306-08-482	1/8 (3.20)	48 (1219.2) <sup>2</sup>	200 (18.58)	50 (15.24)	156 (70.8)
306-12-362 **	3/16 (4.80)	36 (914.4) <sup>3</sup>	120 (11.15)	40 (12.19)	143 (64.9)
306-12-482	3/16 (4.80)	48 (1219.2) <sup>2</sup>	160 (14.86)	40 (12.19)	189 (85.7)
306-16-362 **	1/4 (6.35)	36 (914.4) <sup>3</sup>	120 (11.15)	40 (12.19)	188 (85.3)
306-16-482	1/4 (6.35)	48 (1219.2) <sup>2</sup>	160 (14.86)	40 (12.19)	250 (113.4)
306-20-362 <sup>1</sup> **	5/16 (7.94)	36 (914.4) <sup>3</sup>	120 (11.15)	40 (12.19)	231 (104.8)
306-20-482	5/16 (7.94)	48 (1219.2) <sup>2</sup>	160 (14.86)	40 (12.19)	308 (139.7)
306-24-362 **	3/8 (9.50)	36 (914.4) <sup>3</sup>	90 (8.36)	30 (9.14)	208 (94.3)
306-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2) <sup>2</sup>	120 (11.15)	30 (9.14)	281 (127.5)
306-32-482 <sup>1</sup>	1/2 (12.70)	48 (1219.2) <sup>2</sup>	120 (11.15)	30 (9.14)	375 (170.1)
308-08-482 <sup>1</sup> **	1/8 (3.20)	48 (1219.2) <sup>3</sup>	200 (18.58)	50 (15.24)	152 (68.9)
308-12-482 <sup>1</sup> **	3/16 (4.80)	48 (1219.2) <sup>3</sup>	160 (14.86)	40 (12.19)	189 (85.7)

<sup>1</sup> Made to order. <sup>2</sup> Buffed one side. <sup>3</sup> Smooth both sides. \*\* Powdered.



# TG-65 TRANSEAL® SLABS



GRADE	Premium
FINISH	See chart below
POWDER	No
TRIMMED	Yes
COLOR	Black

## TECHNICAL SPECIFICATIONS

SPECIFICATION INDUSTRY SPEC CGE M4094E, ABB EUROPE AND HQ SN 14.1

ASTM D2000: M2BG617B14E014EO34Z1 or 2BG624B14E014EO34Z1 = Z1= HARDNESS 65 +/-5 SHORE A

POLYMER: NITRILE (NBR) (BUNA N)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.17	
D2240	HARDNESS (shore A)	65 +/-5	
D412	TENSILE (psi)	1500 min.	2700 typical
	ULTIMATE ELONGATION (%)	350 min.	550 typical
D2137	COLD TEMPERATURE	-30°C (-22°F) min.	
D395B	COMPRESSION SET	70 hrs @ 100°C (212°F) 16% max.	
D573	HEAT AGING	3 weeks @ 120°C (248°F) Changed Hardness: 18 points Tensile: 2% max. Elongation: -66% max.	
D471	OIL AGING #3	4 weeks @ 125°C (257°F) Voltesso 35 Oil Changed Hardness: 3 points Tensile: -60% max. Elongation: -78% max. Mass: 10% Volume: 12%	
TEMPERATURE RANGE (general guideline)		-20° to 250°F (-29° to 121°C)	

**Width/length tolerance: 36 +/-1"**

**Special thickness tolerances apply to TG-65 skus.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# TG-65 TRANSEAL® SLABS



	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
306-08-365	1/8 (3.20)	36 (914.4) <sup>2</sup>	9 (0.84)	3 (0.91)	7 (3.2)
306-12-365	3/16 (4.80)	36 (914.4) <sup>2</sup>	9 (0.84)	3 (0.91)	12 (5.4)
306-16-365	1/4 (6.35)	36 (914.4) <sup>2</sup>	9 (0.84)	3 (0.91)	14 (6.4)
306-20-365	5/16 (7.90)	36 (914.4) <sup>2</sup>	9 (0.84)	3 (0.91)	17 (7.7)
306-24-365	3/8 (9.50)	36 (914.4) <sup>2</sup>	9 (0.84)	3 (0.91)	21 (9.5)
308-08-365 <sup>1</sup>	1/8 (3.20)	36 (914.4) <sup>3</sup>	9 (0.84)	3 (0.91)	7 (3.2)
308-12-365 <sup>1</sup>	3/16 (4.80)	36 (914.4) <sup>3</sup>	9 (0.84)	3 (0.91)	10 (4.5)
308-16-365 <sup>1</sup>	1/4 (6.35)	36 (914.4) <sup>3</sup>	9 (0.84)	3 (0.91)	15 (6.8)
308-20-365 <sup>1</sup>	5/16 (7.90)	36 (914.4) <sup>3</sup>	9 (0.84)	3 (0.91)	20 (9.1)

<sup>1</sup> Made to order. <sup>2</sup> Buffed one side. <sup>3</sup> Smooth both sides.



**AmericanBiltrite**  
IndustrialRubber



# ATLAS BEARING PADS™

## AASHTO GRADE FOR HIGHWAY AND BRIDGE CONSTRUCTION

Natural or Neoprene / Polychloroprene blends that meet the AASHTO (American Association of State Highway and Transportation Officials) standard specifications for highway bridge bearing pads.

- + NTPEP listed (National Transportation Product Evaluation Program)
- + Designed to evenly transfer the load from the beams to the supports in bridge bearing and structural applications
- + Absorb the movement and vibration caused by expansion and contraction
- + Also recommended wherever a high-grade, STRONG Neoprene / Polychloroprene or Natural Rubber is required
- + The following information is printed on the product for traceability: American Biltrite –Product name –Lot #



### APPLICATIONS\*

- + Pre-cast concrete
- + Pre-stressed concrete
- + Buildings with structural steel beams
- + Steel reinforced concrete
- + Industrial machinery / heavy equipment foundations
- + Railway tie pads
- + Shock and vibration isolation
- + Pads between girders and columns
- + Pads between substructures
- + New construction and rehabilitation of existing structures
- + Buildings
- + Arenas
- + Tunnels
- + Infrastructure

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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## AB-168 ATLAS BEARING PADS™

### NTPEP

AASHTO NATIONAL TRANSPORTATION  
PRODUCT EVALUATION PROGRAM

GRADE	AASHTO
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

### TECHNICAL SPECIFICATIONS

SPECIFICATION: AASHTO (SEE NOTE BELOW)  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.13
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	2250 min.
	ULTIMATE ELONGATION (%)	400 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 25% max.
D573	HEAT AGING	168 hrs @ 70°C (158°F) Changed Hardness: +10 points Tensile: -25% max. Elongation: -25% max.
D1149	OZONE	25 PPHM Ozone, 20% Strain 48 hrs @ 40°C (104°F) No cracks

Maximum pieces per roll: 1/4" to 1/2" = 2 pieces, over 1/2" = 1 piece

Minimum piece length: 10'

Width tolerance: 36" = -0/ +0.236" (6 mm), 48" = -0/ +0.472 inches (12 mm)

Gauge tolerance: < 1.259" (32 mm) = -0/ +0.118" (3 mm), > 1.259" (32 mm) = -0/ +0.236" (6 mm)

Meets AASHTO standard specification for plain and laminated elastomeric bridge bearing pads M251-06 (Table X1), polyisoprene, Grade 2. Meets AASHTO LRFD bridge construction specification, section 18.2

The following information is printed on the product for traceability: American Bilrite – AB-168 – Lot # NTPEP audited and compliant for plain elastomeric bridge bearing pads (EBB)

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
226-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	399 (181.0)
226-40-482 <sup>1</sup>	5/8 (15.90)	48 (1219.2)	120 (11.15)	30 (9.14)	487 (220.9)
226-48-482 <sup>1</sup>	3/4 (19.00)	48 (1219.2)	100 (9.29)	25 (7.62)	481 (218.2)
226-64-362 <sup>1</sup>	1 (25.40)	36 (914.4)	75 (6.97)	25 (7.62)	472 (214.1)
226-64-482 <sup>1</sup>	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	629 (285.3)

<sup>1</sup> Made to order

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**AB-258**  
**ATLAS BEARING PADS™**



GRADE	AASHTO
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

**SPECIFICATION: AASHTO (SEE NOTE BELOW)**  
**POLYMER: NEOPRENE (CR)**

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	50
D412	TENSILE (psi)	2250 min.
	ULTIMATE ELONGATION (%)	400 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 35% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +15 points Tensile: -15% max. Elongation: -40% max.
D1149	OZONE	100 PPHM Ozone, 20% Strain 100 hrs @ 40°C (104°F) No cracks

**Maximum pieces per roll: 1/4" to 1/2" = 2 pieces, over 1/2" = 1 piece**

**Minimum piece length: 10'**

**Width tolerance: 36" = -0/ +0.236" (6 mm), 48" = -0/ + 0.472" (12 mm)**

**Gauge tolerance: < 1.259" (32 mm) = -0/ +0.118" (3 mm), > 1.259" (32 mm) = -0/ +0.236" (6 mm)**

**Meets AASHTO standard specification for plain and laminated elastomeric bridge bearing pads M251-06 (Table X1), polychloroprene, Grade 3. Meets AASHTO LRFD bridge construction specification, section 18.2**

**The following information is printed on the product for traceability: American Bilrite – AB-258 – Lot # NTPEP audited and compliant for plain elastomeric bridge bearing pads (EBB)**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
205-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	297 (134.7)
205-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	446 (202.3)
205-64-482 <sup>1</sup>	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	702 (318.4)

<sup>1</sup> Made to order.

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**AB-268**  
**ATLAS BEARING PADS™**



GRADE	AASHTO
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

**SPECIFICATION: AASHTO (SEE NOTE BELOW)**  
**POLYMER: NEOPRENE (CR)**

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	2250 min.
	ULTIMATE ELONGATION (%)	350 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 35% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +15 points Tensile: -15% max. Elongation: -40% max.
D1149	OZONE	100 PPHM Ozone, 20% Strain 100 hrs @ 40°C (104°F) No cracks
CMVSS 302/ FMVSS 302	FLAMMABILITY	Does not ignite or is self-extinguishing
C1166	FLAME PROPAGATION	Pass

**Maximum pieces per roll: 1/16" to 1/2" = 2 pieces, over 1/2" = 1 piece**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Gauge tolerance: < 1.259" (32 mm) = -0/ +0.118" (3 mm), > 1.259" (32 mm) = -0/ +0.236" (6 mm)**

**Meets AASHTO standard specification for plain and laminated elastomeric bridge bearing pads M251-06 (Table X1), polychloroprene, Grade 3. Meets AASHTO LRFD bridge construction specification, section 18.2**

**The following information is printed on the product for traceability: American Biltrite - AB-268 - Lot # NTPEP audited and compliant for plain elastomeric bridge bearing pads (EBB)**

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

# AB-268 ATLAS BEARING PADS™

## NTPEP

AASHTO NATIONAL TRANSPORTATION  
PRODUCT EVALUATION PROGRAM

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
206-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	150 (13.93)	50 (15.24)	185 (83.9)
206-08-482	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	247 (132.2)
206-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	334 (151.5)
206-24-482	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	337 (152.7)
206-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	449 (203.7)
206-48-482	3/4 (19.00)	48 (1219.2)	100 (9.29)	25 (7.62)	541 (245.4)
206-56-482 <sup>1</sup>	7/8 (22.23)	48 (1219.2)	60 (5.57)	15 (4.57)	372 (168.7)
206-64-482	1 (25.40)	48 (1219.2)	100 (9.29)	25 (7.62)	707 (320.7)

<sup>1</sup> Made to order.



**AB-278**  
**ATLAS BEARING PADS™**



GRADE	AASHTO
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION: AASHTO (SEE NOTE BELOW)  
POLYMER: NEOPRENE (CR)

ASTM	DESCRIPTION	VALUE
D2240	HARDNESS (shore A)	70
D412	TENSILE (psi)	2250 min.
	ULTIMATE ELONGATION (%)	300 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 100°C (212°F) 35% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +15 points Tensile: -15% max. Elongation: -40% max.
D1149	OZONE	100 PPHM Ozone, 20% Strain 100 hrs @ 40°C (104°F) No cracks

Maximum pieces per roll: 1/4" to 1/2" = 2 pieces, over 1/2" = 1 piece

Minimum piece length: 10'

Width tolerance: 36" = -0/ +0.236" (6 mm), 48" = -0/ + 0.472" (12 mm)

Gauge tolerance: < 1.259" (32 mm) = -0/ +0.118" (3 mm), > 1.259" (32 mm) = -0/ +0.236" (6 mm)

Meets AASHTO standard specification for plain and laminated elastomeric bridge bearing pads M251-06 (Table X1), polychloroprene, Grade 3. Meets AASHTO LRFD bridge construction specification, section 18.2

The following information is printed on the product for traceability: American Biltrite – AB-278 – Lot # NTPEP audited and compliant for plain elastomeric bridge bearing pads (EBB)

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
207-08-482 <sup>1</sup>	1/8 (3.20)	48 (1219.2)	200 (18.58)	50 (15.24)	264 (119.7)
207-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	346 (156.9)
207-32-482	1/2 (12.70)	48 (1219.2)	120 (11.15)	30 (9.14)	465 (210.9)

<sup>1</sup> Made to order.

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**AmericanBiltrite**  
IndustrialRubber



# U.S. MILITARY SPECIFICATION GRADE

## SPECIFICALLY DESIGNED TO MEET THE RIGOROUS REQUIREMENTS OF THE U.S. MILITARY

- + MIL-6855 class 2: Premium grade Neoprene / Polychloroprene with excellent weather and ozone resistance
- + MIL-PRF-1149 class 1: Oil resistant Neoprene / Polychloroprene with good flame, abrasion, and flex cracking resistance
- + MIL-PRF-1149 class 2: Styrene-Butadiene rubber for gasket applications



### APPLICATIONS\*

- + Military and defense applications

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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**U.S. MILITARY  
SPECIFICATION GRADE  
MIL-PRF-1149 TYPE I, CLASS 1**

GRADE	Military
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

POLYMER: NEOPRENE, STYRENE-BUTADIENE (CR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.35
D2240	HARDNESS (shore A)	50
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D2137	COLD TEMPERATURE	-29°C (-20.2°F) min.
D395B	COMPRESSION SET	94 hrs @ 70°C (158°F) 75% max.
D573	HEAT AGING	94 hrs @ 70°C (158°F) Changed Hardness: 10 points max. Tensile: -20% max. Elongation: -35% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Volume: 120% max.
	FLUID RESISTANCE (water)	1 hr @ 100°C (212°F) Changed Mass: 0.05% max.

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
25M-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	231 (21.46)	77 (23.47)	100 (45.4)
25M-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	114 (10.59)	38 (11.58)	99 (44.9)
25M-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	78 (7.24)	26 (7.92)	102 (46.3)
25M-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	60 (5.57)	20 (6.09)	105 (47.6)

<sup>1</sup> Made to order.

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**U.S. MILITARY  
SPECIFICATION GRADE  
MIL-PRF-1149 TYPE I, CLASS 2**

GRADE	Military
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.35
D2240	HARDNESS (shore A)	50
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	300 min.
D2137	COLD TEMPERATURE	-29°C (-20.2°F) min.
D395B	COMPRESSION SET	94 hrs @ 70°C (158°F) 75% max.
D573	HEAT AGING	94 hrs @ 70°C (158°F) Changed Hardness: 10 points max. Tensile: -20% max. Elongation: -35% max.
D471	FLUID RESISTANCE (water)	1 hr @ 100°C (212°F) Changed Mass: 0.05% max.

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
15M-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	114 (10.59)	38 (11.58)	87 (39.5)

<sup>1</sup> Made to order.

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**U.S. MILITARY  
SPECIFICATION GRADE  
MIL-PRF-1149 TYPE II, CLASS 1**

GRADE	Military
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

POLYMER: NEOPRENE, STYRENE-BUTADIENE (CR/SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.41
D2240	HARDNESS (shore A)	65
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	250 min.
D2137	COLD TEMPERATURE	-29°C (-20.2°F) min.
D395B	COMPRESSION SET	94 hrs @ 100°C (212°F) 75% max.
D573	HEAT AGING	94 hrs @ 70°C (158°F) Changed Hardness: 10 points max. Tensile: -20% max. Elongation: -35% max.
D471	OIL AGING #3	70 hrs @ 100°C (212°F) Changed Volume: 120% max.
	FLUID RESISTANCE (water)	1 hr @ 100°C (212°F) Changed Mass: 0.05% max.

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
26M-04-362 <sup>1</sup>	1/16 (1.60)	36 (914.4)	225 (20.90)	75 (22.85)	103 (46.7)
26M-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	117 (10.87)	39 (11.88)	107 (48.5)
26M-12-362 <sup>1</sup>	3/16 (4.80)	36 (914.4)	78 (7.24)	26 (7.92)	107 (48.5)
26M-16-362 <sup>1</sup>	1/4 (6.35)	36 (914.4)	78 (7.24)	26 (7.92)	143 (64.9)

<sup>1</sup> Made to order.

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**U.S. MILITARY  
SPECIFICATION GRADE  
MIL-PRF-1149 TYPE II, CLASS 2**

GRADE	Military
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

POLYMER: STYRENE-BUTADIENE (SBR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.5
D2240	HARDNESS (shore A)	65
D412	TENSILE (psi)	1000 min.
	ULTIMATE ELONGATION (%)	250 min.
D2137	COLD TEMPERATURE	-29°C (-20.2°F) min.
D395B	COMPRESSION SET	94 hrs @ 100°C (212°F) 75% max.
D573	HEAT AGING	94 hrs @ 70°C (158°F) Changed Hardness: 10 points max. Tensile: -20% max. Elongation: -35% max.
D471	FLUID RESISTANCE (water)	1 hr @ 100°C (212°F) Changed Mass: 0.05% max.

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
16M-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	105 (9.75)	35 (10.66)	101 (45.8)

<sup>1</sup> Made to order.

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**U.S. MILITARY  
SPECIFICATION GRADE  
MIL-6855 CLASS 2, GRADE 60**

GRADE	Military
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

POLYMER: NEOPRENE(CR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.31
D2240	HARDNESS (shore A)	60
D412	TENSILE (psi)	1500 min.
	ULTIMATE ELONGATION (%)	300 min.
TEMPERATURE RANGE (general guideline)		-22° to 212°F (-30° to 100°C)

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement. Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
20M-08-362 <sup>1</sup>	1/8 (3.20)	36 (914.4)	117 (10.87)	39 (11.88)	101 (45.8)

<sup>1</sup> Made to order.

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**AmericanBilrite**  
IndustrialRubber



**BLAST**<sup>®</sup>  
**BLAST**<sup>®</sup>

## SELF-HEALING NATURAL RUBBER FOR BALLISTICS

Bullet, lead, and shrapnel-shield technology. BLAST<sup>®</sup> is our proven Natural Rubber solution for the ballistic market.

- + High tear resistance and self-healing qualities
- + Ideal for positioning between targets and bullet traps or on the walls of shoot houses
- + Prevents the return of bullet fragments, shrapnel, and lead dust
- + Contributes to a safer and cleaner shooting environment
- + New paper finish available for laser shot, projected imagery, or anywhere glare is a factor due to lighting



### APPLICATIONS\*

- + Ballistic applications including curtains
- + Bullet traps
- + Screens
- + Laser shot
- + Projected imagery
- + Glare-free applications

\*These applications only serve as general guidelines. Please refer to the specific technical data sheet to select the ideal rubber for your application.

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**AB-139 BLAST®**

GRADE	Industrial
FINISH	Smooth
POWDER	Yes
TRIMMED	Yes
COLOR	Black

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 2AA420A13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE	
	SPECIFIC GRAVITY (gr/cc)	1.14	
D2240	HARDNESS (shore A)	40	
D412	TENSILE (psi)	2000 min.	2500 typical
	ULTIMATE ELONGATION (%)	400 min.	700 typical
D2137	COLD TEMPERATURE	-40°C/°F min.	
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.	
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: +/-30% max. Elongation: -50% max.	
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)	

**Maximum pieces per roll: 2**

**Minimum piece length: 10'**

**Width tolerance: -0 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Typical values do not constitute a specification.

Please ensure the product meets your application specification prior to order placement.

Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
141-08-482	1/8 (3.20)	48 (1219.2)	160 (14.86)	40 (12.19)	129 (58.5)
141-16-482	1/4 (6.35)	48 (1219.2)	160 (14.86)	40 (12.19)	236 (107.0)
141-24-482 <sup>1</sup>	3/8 (9.50)	48 (1219.2)	120 (11.15)	30 (9.14)	264 (119.7)

<sup>1</sup> Made to order.

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**AB-141 BLAST®**

GRADE	Industrial
FINISH	Paper (matte one side)
POWDER	No
TRIMMED	Yes
COLOR	White

**TECHNICAL SPECIFICATIONS**

SPECIFICATION ASTM D2000: 2AA425A13F17  
POLYMER: NATURAL RUBBER (NR)

ASTM	DESCRIPTION	VALUE
	SPECIFIC GRAVITY (gr/cc)	1.11
D2240	HARDNESS (shore A)	40
D412	TENSILE (psi)	2500 min.
	ULTIMATE ELONGATION (%)	400 min.
D2137	COLD TEMPERATURE	-40°C/°F min.
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 50% max.
D573	HEAT AGING	70 hrs @ 70°C (158°F) Changed Hardness: +/-15 points max. Tensile: - 30% max. Elongation: -50% max.
TEMPERATURE RANGE (general guideline)		-20° to 180°F (-29° to 82°C)

**Maximum pieces per roll: 1**

**Minimum piece length: 7'**

**Width tolerance: -0.5 / +1"**

**Material is within commercial sheet rubber gauge tolerances.**

Please ensure the product meets your application specification prior to order placement.  
Specifications are subject to change without notice. The website version prevails.

	GAUGE IN (MM)	WIDTH IN (MM)	SURFACE/ROLL SFT (M <sup>2</sup> )	LENGTH/ROLL LFT (M)	WEIGHT/ROLL LBS (KG)
47P-16-482 <sup>1</sup>	1/4 (6.35)	48 (1219.2)	200 (18.58)	50 (15.24)	288 (130.6)

<sup>1</sup> Made to order.

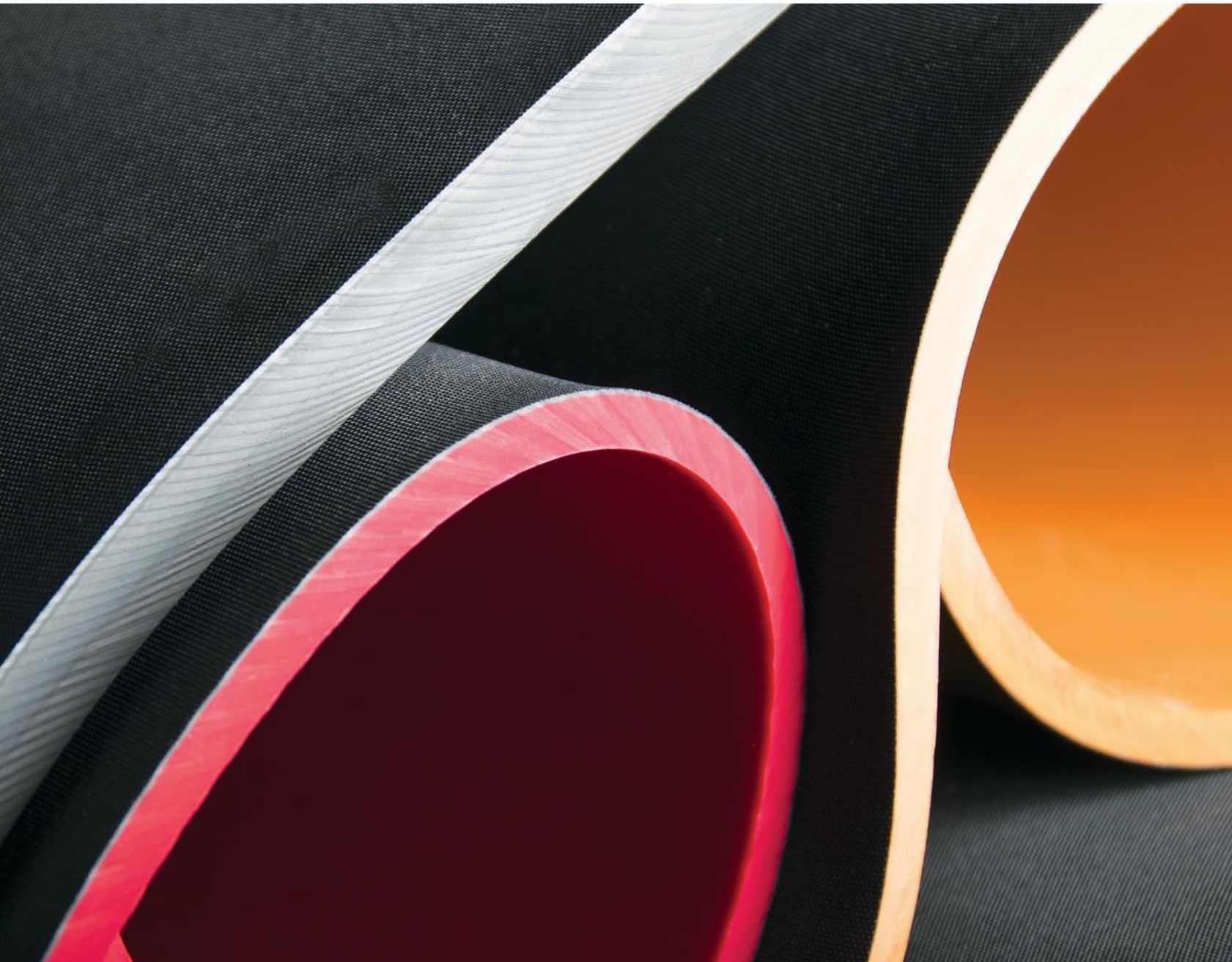
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## APPENDIX 1 - Metric Conversion Chart

FRACTION	DECIMAL	MILLIMETERS	FRACTION	DECIMAL	MILLIMETERS
1/64	0.0156	0.3969	33/64	0.5156	13.0969
1/32	0.0312	0.7938	17/32	0.5312	13.4938
3/64	0.0469	1.1906	35/64	0.5469	13.8906
1/16	0.0625	1.5875	9/16	0.5625	14.2875
5/64	0.0781	1.9844	37/64	0.5781	14.6844
3/32	0.0938	2.3812	19/32	0.5938	15.0812
7/64	0.1094	2.7781	39/64	0.6094	15.4781
<b>1/8</b>	<b>0.1250</b>	<b>3.7500</b>	<b>5/8</b>	<b>0.6250</b>	<b>15.8750</b>
9/64	0.1406	3.5719	41/64	0.6406	16.2719
5/32	0.1562	3.9688	21/32	0.6562	16.6688
11/64	0.1719	4.3656	43/64	0.6719	17.0656
3/16	0.1875	4.7625	11/16	0.6875	17.4625
13/64	0.2031	5.1594	45/64	0.7031	17.8594
7/32	0.2188	5.5562	23/32	0.7188	18.2562
15/64	0.2344	5.9531	47/64	0.7344	18.6531
<b>1/4</b>	<b>0.2500</b>	<b>6.3500</b>	<b>3/4</b>	<b>0.7500</b>	<b>19.0500</b>
17/64	0.2656	6.7469	49/64	0.7656	19.4469
9/32	0.2812	7.1438	25/32	0.7812	19.8438
19/64	0.2969	7.5406	51/64	0.7969	20.2406
5/16	0.3125	7.9375	13/16	0.8125	20.6375
21/64	0.3281	8.3344	53/64	0.8281	21.0344
11/32	0.3438	8.7312	27/32	0.8438	21.4312
23/64	0.3594	9.1281	55/64	0.8594	21.8281
<b>3/8</b>	<b>0.3750</b>	<b>9.5250</b>	<b>7/8</b>	<b>0.8750</b>	<b>22.2250</b>
25/64	0.3906	9.9219	57/64	0.8906	22.6219
13/32	0.4062	10.3188	29/32	0.9062	23.0188
27/64	0.4219	10.7156	59/64	0.9219	23.4156
7/16	0.4375	11.1125	15/16	0.9375	23.8125
29/64	0.4531	11.5094	61/64	0.9531	24.2094
15/32	0.4688	11.9062	31/32	0.9688	24.6062
31/64	0.4844	12.3031	63/64	0.9844	25.0031
<b>1/2</b>	<b>0.5000</b>	<b>12.7000</b>	<b>1</b>	<b>1.0000</b>	<b>25.4000</b>

## APPENDIX 2

### Commercial Sheet Rubber Gauge Tolerances

Unless otherwise stated, American Biltrite uses the following commercial gauge tolerances for all our sheet rubber and diaphragm sheet products.

NOMINAL THICKNESS (TO, BUT NOT INCLUDING)			TOLERANCES PLUS OR MINUS (+/-)	
FRACTIONS (IN)	DECIMALS (IN)	MILLIMETERS	INCHES	MILLIMETERS
Under 1/32	Under 0.031	Under 0.80	0.010	0.25
1/32	0.031 to 0.062	0.80 to 1.60	0.012	0.30
1/16	0.062 to 0.125	1.60 to 3.20	0.016	0.40
1/8	0.125 to 0.187	3.20 to 4.80	0.020	0.51
3/16	0.187 to 0.375	4.80 to 9.50	0.031	0.79
3/8	0.375 to 0.562	9.50 to 14.30	0.047	1.19
9/16	0.562 to 0.750	14.30 to 19.10	0.062	1.59
3/4	0.750 to 1.00	19.10 to 25.40	0.094	2.38
1 and over	1 and over	25.40 and over	10%	10%