



AmericanBiltrite
IndustrialRubber

RUBBER PIONEERS

FOR OVER
100
YEARS



Who is AMERICAN BILTRITE?

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.

We are a family of over 250 people, dedicated to set industry standards with a relentless drive to develop new products and custom formulations for every conceivable application. Globally, American Biltrite counts more than 750 employees worldwide.

We are quality, ISO 9001 certified, there is no substitute for the reliability of our quality procedures.

We are innovation, with the most cutting-edge research and development team. At American Biltrite, we are passionate about creating exclusive products for distinguished customers.

We are service, at American Biltrite, you are a valued partner and this entitles you to outstanding service.

“Quality materials in stock, strong service, and consistent pricing have made American Biltrite a valued long-term supplier who helps bring stability to our supply chain.”

Kerry Carter, Procurement
Norwesco Industries Ltd.
Trusting American Biltrite since 1975



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DISTRIBUTION CENTER LOCATIONS

The products that you need,
close to you!

- ✦ 6 fully-stocked warehouses across the United States and Canada
- ✦ Stock items ship same or next business day
- ✦ Broad product inventory assuring availability
- ✦ Warehouse pick-up available for local customers



"At Canada Rubber Group (CRG), we place a great deal of importance on our supply chain. We work with a variety of great suppliers from around the world so that our customers get what they need, when they need it. In order to satisfy our customers, we need suppliers that don't cause us to experience production delays, quality issues, or any other forms of costly interference. CRG would recommend American Biltrite for any business seeking to enjoy long-term, collaborative, strong supplier relationships."

Gord Sirrs, President
Canada Rubber Group Inc.
Trusting American Biltrite since 1991

CAPABILITIES



ROLLS, SHEETS, AND SLABS

- ✦ Standard rolls are available in 36" and 48" wide. Custom options are also available.
- ✦ Cut rolls up to 48" wide to your precise length requirements, stacked solidly on pallets. Cut sheets stacked neatly on pallets lay flat and STAY flat.
- ✦ When thicker materials are needed, we can supply them using our 36" x 36" molds in 1 ¼", 1 ½", 2", and 3" thick.



CUSTOM MIXING

- ✦ Our North American compounding facility offers industry leading quality, and a complete line of polymers.
- ✦ Choose from any of the available compounds or work with our experienced technical team to develop your own exclusive formulation to match your specification requirements.
- ✦ In addition to black, we also have a mixer dedicated to colors. Our chemists can assist with color match requests to the specific pigment required.
- ✦ Available in different formats: mixer strips, slab stock, extruded sheets, and rolls.



SLIT WIDTHS

If you are still unrolling material and cutting to width by hand, we can save you the time. Consolidate those charges from sub-contractors and receive materials in the format that you want, from the supplier that you trust.

"Superior quality & service. A great group of people to form a relationship with. They helped me find a product substitute that my customer likes and continues to use to this day. They are like family, we have forged relationships that will last a lifetime."

Maury Brown, Vice President / General Manager
Gardico Inc.
Trusting American Biltrite since 2000

QUALITY AND R&D

- ★ Our sincere commitment to consistently exceed expectations for quality while safeguarding the environment facilitated obtaining our ISO 9001 and ISO 14001 certifications.
- ★ Maintaining these certifications has proven very manageable due to our own large internal ISO team, and our pledge to continuously improve each process.
- ★ R&D team of rubber experts dedicated to developing the right product for your specific application.
- ★ All of our compounds are compliant with the Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) and the Restriction of Hazardous Substances Directive (RoHS) because we use only pre-approved, first-rate ingredients.
- ★ State of the art laboratory where chemists, engineers, and Ph. D.'s with over 100 years of experience in rubber chemistry work hand in hand on product development.



"We obtain a high degree of satisfaction from our customers who purchase products manufactured from the raw material we buy from American Biltrite. AB is a reliable company focused on customer satisfaction. For 3R, AB is a trusted partner!"

Mélanie Lapierre, Buyer
Industries 3R Inc.
Trusting American Biltrite since 1992

"A great experience working with their innovative, knowledgeable team and always amazed at their capability to obtain solutions. This company initiates regular discussions to address solutions to any issues we may be considering for the future."

Jan Stinson, Manager – Supply Chain
TNR Industrial Doors Inc.
Trusting American Biltrite since 2004

CERTIFICATIONS AND SPECIFICATION GRADES AVAILABLE



FDA Compliant
– Formulated for safety when used in food applications, we offer Food and Drug Administration compliant products in stock in four polymers:

- Natural Rubber (NR)
- Nitrile (NBR)
- Ethylene Propylene Diene (EPDM)



NSF/ANSI/CAN 61 Certified + Meets AWWA Standards EPDM
– Suitable for use in potable water applications, this product meets National Sanitation Foundation / American National Standards Institute Standard 61 requirements and the NSF 372 lead content compliance rule. It is the clean and safe option that complies with American Water Works Association Standard C111/A21.11. Meets the requirements for FDA 21 CFR 177.2600



3A Sanitary Standards
– Formulated for safety when used as a product contact surface for dairy & food processing operations.



Military Specifications
Specifically designed to meet the rigorous requirements of the U.S. Military.



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

WHY AMERICAN BILTRITE?

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



CUSTOMER FOCUSED

- + Industry-leading customer service
- + Dedicated technical service team for assistance in product selection and troubleshooting
- + Family owned for over 100 years



BEST-IN-CLASS PRODUCTS

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



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.




FAST TURNAROUND FOR EMERGENCIES

- + 6 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.

NATURAL RUBBER (NR)

- + Excellent abrasion resistance
- + High tensile strength
- + High tear strength
- + Good flexibility
- + Available: Food grade (FDA compliant)



PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	ULTIMATE ELONGATION (%)	COLOR
PREMIUM GRADE– HIGHEST GRADE MATERIALS COMPOUNDED WITH CHOICE INGREDIENTS				
AB-135	40	2500 min.	400 min.	Tan
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE				
AB-131	35	2500 min.	500 min.	Red
AB-139 <i>BLAST</i> see p. 24	40	2000 min. / 2500 typical	400 min. / 700 typical	Black
AB-141	40	2500 min.	400 min.	White
SPECIFICATION / CERTIFICATION GRADE				
AB-148 Squeegee / Floor Care	37 +/-5	2500 min.	500 min.	Red
AB-138 (FDA) Industrial / FDA Compliant	 see p. 21 40	2000 min.	400 min.	Beige

Typical values do not constitute a specification.
Min. = Minimum
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data.



APPLICATIONS

Lining, cement sleeves, chutes, tanks, cyclones, cleat blocks, hopper curtain, squeegees, ballistic applications, and FDA compliant for safety in food applications.

For rubber lining applications, please refer to the GUARD-RITE™ section on page 18.
For more information about DURASHIELD® Premium Natural Rubber, please refer to page 17.
For bearing pads, please refer to the ATLAS BEARING PADS™ section on page 23.

STYRENE-BUTADIENE (SBR)

- + Excellent impact strength
- + Very good resilience
- + Good abrasion resistance
- + Flexibility in low temperatures

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	FINISH	COLOR
PREMIUM GRADE– HIGHEST GRADE MATERIALS COMPOUNDED WITH CHOICE INGREDIENTS				
AB-613	70-85	700 min.	Smooth	Red
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE				
AB-619	75 +/-5	600 min.	Fabric	Red
AB-617	80	500 min.	Matte	Black
IM-618	76 +/-7	400 typical	Smooth	Red
IM-165	60	1000 typical	Smooth	Black
COMMERCIAL GRADE– ECONOMY OR IMPORTED MATERIALS FOR GENERAL USAGE				
IM-166	60	500 typical	Smooth	Black

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APPLICATIONS

Basic gaskets, washers, skirtboard, scrapers, protective covers, and military applications.

NEOPRENE / POLYCHLOROPRENE (CR)

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



APPLICATIONS

Gaskets, washers, military applications, and anywhere mild oil resistance is required.

Good general use material.

For rubber lining applications, please refer to the **GUARD-RITE™** section on page 18.




For bearing pads, please refer to the **ATLAS BEARING PADS™** section on page 23.

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	OIL AGING 70 hrs @ 100°C (212°F) % Volume Change ASTM D471
PREMIUM GRADE– HIGHEST GRADE MATERIALS COMPOUNDED WITH CHOICE INGREDIENTS			
AB-253	50	800 min.	120% max
AB-263	60	900 min.	100% max.
AB-273	70	1000 min.	100% max.
AB-289	80	1000 min.	120% max.
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE			
AB-245	40	1000 min.	120% max.
AB-255	50	1000 min.	120% max.
AB-265	60	1000 min.	120% max.
AB-266	55 +/-5	1200 min.	120% max.
AB-275	70	1000 min.	120% max.
AB-285	80	1000 min.	120% max.
COMMERCIAL GRADE– ECONOMY OR IMPORTED MATERIALS FOR MAXIMUM COST EFFECTIVENESS			
AB-250	50	600 min.	120% max.
IM-252	50 +/-7	500 typical	*
AB-260	60	600 min.	120% max.
IM-262	60 +/-7	500 typical	*
AB-270	70	600 min.	120% max.
IM-272	70+/-7	500 typical	*

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Min. = Minimum
Max. = Maximum
* No data available.
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data.

NITRILE (NBR)

- + Superior resistance to petroleum-based hydraulic fluids
- + Very good resistance to oil and gasoline
- + Very good resistance to alkalis and acids
- + Good resistance to hydrocarbon solvents
- + Wide range of service temperatures
- + Available: White FDA & 3A Sanitary Standards compliant

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	OIL AGING 70 hrs @ 100°C (212°F) % Volume Change ASTM D471	COLOR
PREMIUM GRADE– HIGHEST GRADE MATERIALS COMPOUNDED WITH CHOICE INGREDIENTS				
AB-355	50	2000 min.	25% max.	● Black
AB-365	60	2500 min.	25% max.	● Black
TG-65  see p. 22	65	2400 min.	*	● Black
AB-375	70	2500 min.	25% max.	● Black
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE				
AB-344	40	1000 min.	80% max.	● Black
AB-364	60	1000 min.	80% max.	● Black
COMMERCIAL GRADE– ECONOMY OR IMPORTED MATERIALS FOR GENERAL USAGE				
AB-362	60 +/-5	800 min.	120% max.	● Black
SPECIFICATION / CERTIFICATION GRADE				
AB-366 (FDA) Industrial / FDA Compliant	  60 see p. 21	1000 min.	60% max.	○ White

Min. = Minimum
Max. = Maximum
** No data available for this test protocol. For TRANSEAL oil aging results, please refer to p. 26.*
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data.



APPLICATIONS

Machinery gaskets, in and around oil and gas handling equipment, transformer gaskets, and FDA & 3A Sanitary Standards compliant for safety in food applications.
For transformer applications see TRANSEAL® page 22.

BUTYL (IIR)

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

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	ULTIMATE ELONGATION (%)	OZONE RESISTANCE 70 hrs 50 PPHM @ 40°C (104°F)	HEAT AGING 70 hrs @ 100°C (212°F) Changed	COLOR
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE						
AB-465	60	1000 min.	300 min.	No Cracking	Hardness: + 10 points max. Tensile: - 25% max. Elongation: - 25% max.	● Black

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APPLICATIONS

Gaskets and seals.
For rubber lining applications, please refer to the GUARD-RITE™ section on page 18.

ETHYLENE PROPYLENE DIENE (EPDM)

- ✦ Excellent resistance to heat, ozone, and sunlight
- ✦ Excellent color stability
- ✦ Excellent resistance to water and steam
- ✦ Very good flexibility at low temperatures
- ✦ Good resistance to alkalis, acids, and oxygenated solvents
- ✦ Available: White food grade (FDA compliant)
- ✦ Available: NSF/ANS/CAN 61 Certified + meets NSF 372 Lead Content Rule & American Water Works Association standard C111/A21.11

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	ULTIMATE ELONGATION (%)	OZONE RESISTANCE	HEAT AGING 70 hrs @ 100°C (212°F) Changed	COLOR
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE						
AB-533	50	800 min.	300 min.	70 hrs 50 PPHM @ 40°C (104°F) No cracking	Hardness: +10 points max. Tensile: -25% max. Elongation: -25% max.	● Black
AB-563	60	800 min.	300 min.	70 hrs 50 PPHM @ 40°C (104°F) No Cracking	Hardness: + 10 points max. Tensile: - 25% max. Elongation: - 25% max.	● Black
SPECIFICATION / CERTIFICATION GRADE						
AB-566 (FDA) Industrial / FDA Compliant	 see p. 21	60 +/-5	1000 min.	300 min.	*	Hardness: +/-15 points max. Tensile: -30% max. Elongation: +/-50% max. ○ White
AB-576 NSF/ANSI/CAN 61	 see p. 20	75 +/-5	1500 min.	250 min.	72 hrs 100 PPHM @ 40°C (104°F) No Cracking	Hardness: +/- 15 points max. Tensile: +/- 30% max. Elongation: - 50% max. ● Black

Min. = Minimum
Max. = Maximum
* No data available.

Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data.



APPLICATIONS

Gaskets, washers, weather-stripping, automotive, electrical, FDA compliant for safety in food applications, and NSF/ANSI/CAN 61 certified for potable water usage.
For rubber lining applications, please refer to the GUARD-RITE™ section on page 18.

FLUOROELASTOMER (FKM)

- ✦ Temperature range: -20°F to 450°F (-29°C to 232°C)
- ✦ Excellent chemical resistance
- ✦ Increased sealing capability in aggressive environments
- ✦ UV & ozone resistant
- ✦ Resistance to liquid permeation in severe conditions
- ✦ Cinnamon scented for easy identification



APPLICATIONS

Automotive, mechanical devices, gas, chemical processing, mining, hydraulic systems, diggers, forestry, spring-loaded cylinders on vehicles, wind power, gearboxes, and high vacuum applications.

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	ULTIMATE ELONGATION (%)	TEMPERATURE RANGE (general guideline)	COLOR
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE					
IM-75	75 +/-5	1000 min.	225 min.	-20° to 450° F -29° to 232°C	● Black

Min. = Minimum
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data and product brochure.

SILICONE

- ✦ Temperature range: -80°F to 450°F (-62°C to 232°C)
- ✦ 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



APPLICATIONS

Gaskets, seals, stripping, die-cut components, automotive, energy, oil & gas, rail, electrical, construction, lighting, agriculture, and solar applications.

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	TEMPERATURE RANGE (general guideline)	COLOR
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE				
IM-S60	60 +/-5	800 typical	-80° to 450°F -62° to 232°C	● Terracotta

Typical values do not constitute a specification.
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data.

FABRIC REINFORCED SHEETS & DIAPHRAGM

- ✦ 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 choices of polymers and fabrics



APPLICATIONS

Low line pressure applications such as air, hot and cold water, saturated steam, and low-pressure steam.

PRODUCTS	POLYMER	FABRIC	MULLEN BURST
INDUSTRIAL GRADE FABRIC REINFORCED RUBBER– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE			
AB-2102	Styrene-Butadiene (SBR)	2 oz. Polyester	300 psi typical per ply
AB-951	Neoprene / Polychloroprene (CR)	2 oz. Polyester	300 psi typical per ply
AB-984	Styrene-Butadiene (SBR)	2 oz. Polyester	300 psi typical per ply
AB-3205	Neoprene / Polychloroprene (CR)	14 oz. Nylon	700 psi typical per ply
AB-3275	Neoprene / Polychloroprene (CR)	9 oz. Polyester	600 psi typical per ply
INDUSTRIAL GRADE DIAPHRAGM– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE			
AB-3210	Neoprene / Polychloroprene (CR)	14 oz. Nylon	800 psi typical per ply
AB-3560	Ethylene Propylene Diene (EPDM)	4.3 oz. Nylon	600 psi typical per ply
COMMERCIAL GRADE FABRIC REINFORCED RUBBER– ECONOMY OR IMPORTED MATERIALS FOR GENERAL USAGE			
IM-2100	Styrene-Butadiene (SBR)	Nylon	300 psi typical per ply
IM-950	Neoprene / Polychloroprene (CR)	Nylon	300 psi typical per ply
COMMERCIAL GRADE DIAPHRAGM– ECONOMY OR IMPORTED MATERIALS FOR GENERAL USAGE			
AB-3220	Neoprene / Polychloroprene (CR)	14 oz. Nylon	800 psi typical per ply
AB-3228	Neoprene / Polychloroprene (CR)	4.3 oz. Nylon	600 psi typical per ply

Typical values do not constitute a specification.
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data.



DURASHIELD® PREMIUM NATURAL RUBBER FOR TEAR AND ABRASION RESISTANCE

DURASHIELD® is our heavyweight contender for tear and abrasion resistance. **Formulated to extend the life of vital heavy-duty equipment**, DURASHIELD® is the optimal choice for cement, aggregate, forestry, and mining markets. The ultimate in wear, tear, noise, vibration, impact, corrosion, and abrasion resistance.

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	ULTIMATE ELONGATION (%)	COLOR
PREMIUM GRADE– HIGHEST GRADE MATERIALS COMPOUNDED WITH CHOICE INGREDIENTS				
AB-140	40 +/-5	3000 min. / 3100 typical	600min. / 750 typical	● Red
AB-940 Fabric Back	40	3000 min. / 3300 typical	600 min.	● Red
AB-144	60 +/-5	3000 min. / 3300 typical	400 min.	● Red
AB-160	60 -0/+10	3000 min. / 3300 typical	400 min.	● Black
DURASHIELD® A+	40	2500 min. / 3000 typical	500 min. / 700 typical	● Orange

Typical values do not constitute a specification.
Min. = Minimum
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data and product brochure.



APPLICATIONS

Linings, chutes, hoppers, cyclones, pipes, tanks, bins/boxes, silos, pulley lagging, shaker screens, sandblast curtains, squeegees, and pads.

For skirting applications or slit width needs, please refer to the skirtboard section on page 19.



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.

NATURAL RUBBER PRODUCTS

TEAR-GUARD 40
TEAR-GUARD 60
ABRASION-GUARD
SUPREME-GUARD

NATURAL RUBBER SHOULD BE SELECTED AS THE PREFERRED SOLUTION TO RESIST:

Abrasion
Tear
Scratching
Gouging
Scraping

SYNTHETIC RUBBER PRODUCTS

FOR SOLUTIONS THAT RESIST THE FOLLOWING ELEMENTS/ EXPOSURE, PLEASE SEE OUR SYNTHETIC RUBBER OPTIONS:

CHEM-GUARD (BUTYL)
Chemicals
Alkalis, acids, and oxygenated solvents
Gases and vapor

HEAT-GUARD (ETHYLENE PROPYLENE DIENE)
Heat
Ozone and sunlight

FLAME-GUARD (NEOPRENE / POLYCHLOROPRENE)
Flame

* For product selection assistance, including specific chemical resistance, please ask our technical department. For more detailed product information please see our technical specification data and product brochure on our website.

APPLICATIONS

Storage vessels, tumblers, vibrators, cyclones, fans, pumps, pipes, chutes, hoppers, shaker/trommel screens, bins, pulley lagging, truck boxes, mine cars, skips, slurry tanks, flotation cells, acid storage and transport (tanks, pipe, pump), limestone slurry tanks, ferric chloride storage and transport, fuel & oil handling/petrochemical, ponds, gutters, tailings dumps, and UV & ozone resistance.

SKIRTBOARD

The best belts deserve the best containment. We are pleased to offer three grades of skirtboard for all of your skirting needs.

- ✦ 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.
 - SKIRT-SHIELD® RED Optimal tear resistance
 - SKIRT-SHIELD® A+ ORANGE Ultimate abrasion resistance
- ✦ For industrial grade SBR skirtboard with good tensile strength, take a look at our IM-165.
- ✦ For basic commercial grade SBR skirtboard please find our IM-166.
 - This formula has been a staple in the market for years
 - More than 30 sizes available in-stock, certain sizes with beveled edge
 - Available in 48" width for general purpose sheet applications and for your own slitting needs
 - We stock full-width rolls in 1/16"- 1" thick

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	ULTIMATE ELONGATION (%)	TEAR RESISTANCE	COLOR
PREMIUM GRADE– HIGHEST GRADE MATERIALS COMPOUNDED WITH CHOICE INGREDIENTS					
SKIRT-SHIELD® RED	40	3000 min. / 3300 typical	600 min.	350 typical	● Red
SKIRT-SHIELD® A+ ORANGE	40	3000 min. / 3300 typical	600 min.	180 typical	● Orange
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE					
IM-165	60 +/-7	1000 typical	300 typical	*	● Black
COMMERCIAL GRADE– ECONOMY OR IMPORTED MATERIALS FOR GENERAL USAGE					
IM-166	60 +/-7	500 typical	300 typical	*	● Black

Typical values do not constitute a specification.

Min. = Minimum

* No data available.

Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data and product brochure.



NSF/ANSI/CAN 61 CERTIFIED ETHYLENE PROPYLENE DIENE (EPDM)

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
- + Meets the requirements for FDA 21 CFR 177.2600

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	COMPRESSION SET
SPECIFICATION / CERTIFICATION GRADE			
AB-576 NSF/ANSI/CAN 61 certified + meets NSF 372 Lead Content Rule & American Water Works Association standard C111/A21.11	75 +/-5	1500 min.	22 hrs @ 70°C (158°F) 20% max.

Min. = Minimum
Max. = Maximum
Please refer to our website www.american-biltrite.com for the most up to date and complete technical specification data and product brochure.



APPLICATIONS

Joining and sealing materials, mechanical devices (water meters, valves, filters), plumbing devices, pipes and related products (fittings), gaskets, seals, and protective barrier materials.




FDA & 3A SANITARY STANDARDS COMPLIANT PRODUCTS

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) and Ethylene Propylene Diene (EPDM). 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.

COMPARISON CHART

PRODUCTS	HEAT RESISTANCE	OIL RESISTANCE	ABRASION RESISTANCE	TENSILE STRENGTH	COLOR
SPECIFICATION / CERTIFICATION GRADE					
AB-366 (NBR) 	M	H	M	M	White
AB-138 (NR)	L	L	H	H	Beige
AB-566 (EPDM)	H	L	L	M	White

H - High resistance, M - Medium resistance, L - Lower resistance
General guidelines, please see our technical data sheets and product brochure on our website for more details on the physical properties of each product.



APPLICATIONS

General gaskets, counter tops, non-slip pads, and skirting used in food processing. You can also find FDA rubber products in butcher shops, pharmaceutical processing, commercial kitchens, hospitals, food processing plants, the cosmetics industry, industrial plants, and grocery stores.



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.

- ✦ Unrivaed 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

Approved for use by Hydro Quebec (SN-14.1), Tennessee Valley Authority, and meets G.E. and ABB M4094E specifications.



PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	OIL AGING 4 weeks @ 125°C (257°F) Voltesso 35 Oil Changed	COMPRESSION SET
PREMIUM GRADE– HIGHEST GRADE MATERIALS COMPOUNDED WITH CHOICE INGREDIENTS				
TG-65	65 +/-5	1500 min. / 2700 typical	Hardness: 3 points typical Tensile: -60% max. Elongation: -78% max. Mass: 10% typical Volume: 12% typical	70 hrs @ 100°C (212°F) 16% max.

Typical values do not constitute a specification.
Min. = Minimum
Max. = Maximum
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data and product brochure.



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.

ATLAS BEARING PADS™
FOR HIGHWAY AND BRIDGE CONSTRUCTION



Natural or Neoprene / Polychloroprene that meet the AASHTO* standard specifications for highway bridge bearing pads.

- ✦ 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
- ✦ NTPEP Audited & Compliant for Plain Elastomeric Bearing Pads!



PRODUCTS	POLYMER	HARDNESS (Shore A)	TENSILE (PSI)	GRADE
SPECIFICATION / CERTIFICATION GRADE				
AB-168	Natural (NR)	60	2250 min.	Meets AASHTO Standard Specifications for plain and laminated elastomeric bridge bearing pads, M251-06, polyisoprene, Grade 2. Also meets AASHTO LRFD bridge construction specification, section 18.2
AB-258	Neoprene / Polychloroprene (CR)	50	2250 min.	
AB-268	Neoprene / Polychloroprene (CR)	60	2250 min.	Meets AASHTO Standard Specification for plain and laminated elastomeric bridge bearing pads, M251-06, polychloroprene, Grades 0, 2, and 3. Also meets AASHTO LRFD bridge construction specification, section 18.2
AB-278	Neoprene / Polychloroprene (CR)	70	2250 min.	

Typical values do not constitute a specification.
Min. = Minimum
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data and product brochure.
*American Association Of State Highway and Transportation Officials



APPLICATIONS

Pre-cast, 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, and infrastructure.



BLAST®
SELF-HEALING NATURAL RUBBER FOR BALLISTICS

Bullet, lead, and shrapnel-shield technology. BLAST® 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

PRODUCTS	HARDNESS (Shore A)	TENSILE (PSI)	ULTIMATE ELONGATION (%)	COLOR
PREMIUM GRADE– HIGHEST GRADE MATERIALS COMPOUNDED WITH CHOICE INGREDIENTS				
AB-140	40 +/-5	3000 min. / 3300 typical	600 min.	● Red
INDUSTRIAL GRADE– MID-RANGE MATERIALS FOR RELIABLE PERFORMANCE				
AB-138	40	2000 min. / 2500 typical	400 min. / 700 typical	● Beige
AB-139	40	2000 min. / 2500 typical	400 min. / 700 typical	● Black
AB-141	40	2500 min.	500 min.	○ White

Typical values do not constitute a specification.
Min. = Minimum
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data and product brochure.



APPLICATIONS

Ballistic applications including curtains, bullet traps, screens, laser shot, projected imagery, and glare-free applications.

**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



PRODUCTS	DUROMETER (Shore A)	TENSILE (PSI)	ULTIMATE ELONGATION (%)
MILITARY GRADE			
MIL-6855 class 2, grade 60 Neoprene / Polychloroprene (CR)	60	1500 min.	300 min.
MIL-PRF-1149 type II, class 1 Neoprene / Polychloroprene (CR)	65	1000 min.	250 min.
MIL-PRF-1149 type I, class 1 Neoprene / Polychloroprene (CR)	50	1000 min.	300 min.
MIL-PRF-1149 type II, class 2 Styrene-Butadiene (SBR)	65	1000 min.	250 min.
MIL-PRF-1149 type I, class 2 Styrene-Butadiene (SBR)	50	1000 min.	300 min.

Min. = Minimum
Please refer to our website www.american-biltrite.com for the most up-to-date and complete technical specification data.



APPLICATIONS

Military and defense applications.

MEMBERSHIP & PARTNERS



GFA
Gasket Fabricators Association



ISD
International Sealing
Distribution Association



AASHTO
American Association of State Highway
and Transportation Officials



NAHAD
The Association for Hose and
Accessories Distribution



NTPEP
National Transport Product
Evaluation Program



IDCO
Industrial Distribution Co-op



NIBA
The Belting Association



AWWA
American Water Works
Association



NSF
National Sanitation
Foundation



RAGCO
Buying Group for Rubber,
Hose, Belting, & Gaskets

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**QUALITY OUR
LEGACY.**

**GIVE US A CALL! OUR TRAINED
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