

BLACKOUT

Made in USA | Virgin Polymer | No Regrind and No Recycled Materials

BLACKOUT is a low cost neoprene blended sheet rubber designed for basic applications.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile typ. psi	Ultimate Elongation typ. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")
50 8805	1/16 thru 2	36, 48, 72	500	200	-20°F to +170°F	2.4 lb
60 8806	1/16 thru 2	36, 48, 72	500	200	-20°F to +170°F	2.6 lb
70 8807	1/16 thru 2	36, 48, 72	500	150	-20°F to +170°F	2.6 lb

Commercial Neoprene - Style 10 A smooth finish general purpose sheet with low temperature flexibility and oil resistance. Resists rotting, checking, and cracking due to weather exposure. Designed to meet ASTM specifications for 1 BC Material.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 8014 & 8144	1/16 thru 1	36, 48	800	350	-20°F to +170°F	2.5 lb	ASTM D 2000 1BC 408, SAE J200 1BC 408, MIL-R-3065 SC 408 Z1*
50 8015 & 8145	1/32 thru 2	36, 48, 72	800†	300	-20°F to +170°F	2.6 lb	ASTM D 2000 1BC 508, SAE J200 1BC 508, MIL-R-3065 SC 508
60 8016 & 8146	1/32 thru 2	36, 48, 72	900†	300	-20°F to +170°F	2.7 lb	ASTM D 2000 1BC 609, SAE J200 1BC 609, MIL-R-3065 SC 609
70 8017 & 8147	1/32 thru 2	36, 48, 72	1000	200	-20°F to +170°F	2.7 lb	ASTM D 2000 1BC 710, SAE J200 1BC 710, MIL-R-3065 SC 710
80 8018 & 8148	1/32 thru 2	36, 48, 72	1000	100	-20°F to +170°F	2.8 lb	ASTM D 2000 1BC 810, SAE J200 1BC 810, MIL-R-3065 SC 810

*Z1 = Elongation: 350% min

† = 1,000 psi Product is Available - Please contact Customer Service for details.

Matte Finish Neoprene - Style 12

A commercial blended neoprene sheet with a matte finish on one side. It is free of talc and release solutions which make it excellent for applications that involve the use of pressure sensitive adhesives (PSA).

Finish: Matte Finish on one side, Smooth on reverse side **Color: Black** **Trim: Trimmed**

Non-Stock Minimum: Please call for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
50 8015	1/16 thru 1/4	36	800	300	-20°F to +170°F	2.6 lb	ASTM D 2000 1BC 508, SAE J200 1BC 508, MIL R 3065 SC 508
60 8016	1/16 thru 1/4	36, 72	900	300	-20°F to +170°F	2.7 lb	ASTM D 2000 1BC 609, SAE J200 1BC 609, MIL R 3065 SC 609
70 8017	1/16 thru 1/4	36, 72	1000	200	-20°F to +170°F	2.7 lb	ASTM D 2000 1BC 710, SAE J200 1BC 710, MIL R 3065 SC 710
80 8018	1/16 thru 1/4	36, 72	1000	100	-20°F to +170°F	2.8 lb	ASTM D 2000 1BC 810, SAE J200 1BC 810, MIL R 3065 SC 810

*Supplied Talc-Free

Mid-Grade Neoprene - 5100 Series

A premium grade blended sheet for applications requiring a higher percentage of Neoprene and wider temperature range than standard commercial grade. This Neoprene formula has great resistance to weathering and moderate resistance to oil and gasoline.

Neoprene and wider temperature range than standard commercial grade. This Neoprene formula has great resistance to weathering and moderate resistance to oil and gasoline.

Finish: Smooth **Color: Black** **Trim: Untrimmed** **Non-Stock Minimum: 2 rolls** (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
30 030E1084	1/32 thru 1/4	36, 48	450	300	-30°F to +200°F	2.2 lb	ASTM D 2000 M1BC 303
40 040E0423	1/32 thru 1/4	36, 48	450	300	-30°F to +200°F	2.45 lb	ASTM D 2000 M1BC 403
50 050E0357	1/64 thru 1/2	36, 48	1000	300	-30°F to +200°F	2.46 lb	ASTM D 2000 M1BC 507
60 060E0264	1/64 thru 1/2	36, 48	1000	300	-30°F to +200°F	2.48 lb	ASTM D 2000 M1BC 607
70 070E0321	1/64 thru 1/4	36, 48	1000	200	-30°F to +200°F	2.52 lb	ASTM D 2000 M1BC 707
80 080E1109	1/32 thru 1/4	36, 48	1000	100	-30°F to +200°F	2.75 lb	ASTM D 2000 M1BC 807

Can't Find the Spec You're Looking For?

WARCO BILTRITE has the knowledge, talent and expertise to formulate rubber compounds to meet some of the world's most stringent specifications. Contact us today to learn how WARCO BILTRITE's technical and development team can help you meet your specification:

Tel: **714-532-3355** Toll-Free: **800-245-8748** Fax: **714-532-2238** Email: sales@warco.com

Premium Neoprene (100% Neoprene)

This product is designed to give maximum performance and service, resisting degradation from ozone and performing well in contact with oils and many chemicals. Premium Neoprene exhibits integrity over a wide temperature range as well as an outstanding resistance to damage caused by flexing and twisting.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
30 030E0242	1/32 thru 1/4	36, 48	450	300	-30°F to +220°F	2.43 lb	ASTM D 2000 M1BC 303
40 040E0247	1/64 thru 1/4	36, 48	1000	400	-30°F to +220°F	2.46 lb	ASTM D 2000 M1BC 407
50 050E0503	1/64 thru 1/4	36, 48	1450	350	-30°F to +220°F	2.54 lb	ASTM D 2000 M1BC 510
60 060E0306	1/64 thru 1/4	36, 48	1450	350	-30°F to +220°F	2.65 lb	ASTM D 2000 M1BC 610
70 070E0313	1/64 thru 1/4	36, 48	1450	250	-30°F to +220°F	2.77 lb	ASTM D 2000 M1BC 710
80 080E0325	1/64 thru 1/4	36, 48	1450	100	-30°F to +220°F	2.79 lb	ASTM D 2000 M1BC 810
90 090E0228	1/32 thru 1/4	36, 48	1000	100	-30°F to +220°F	2.81 lb	ASTM D 2000 M1BC 907

FDA Neoprene

This off-white Neoprene material contains FDA approved ingredients per 21 CFR 177.2600, an FDA regulation dealing with rubber articles articles intended for repeated food exposure.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040E1058	1/32 thru 1/4	36, 48	600	400	-30°F to +220°F	2.65 lb	FDA Approved Ingredients per 21 CFR 177.2600
55 055E1053	1/32 thru 1/4	36, 48	800	350	-30°F to +220°F	2.98 lb	FDA Approved Ingredients per 21 CFR 177.2600
60 060E1062	1/32 thru 1/4	36, 48	1000	300	-30°F to +220°F	2.98 lb	FDA Approved Ingredients per 21 CFR 177.2600

Neoprene Performance Molded Sheets

Available in 36"x36" or 48"x48" - Longer lengths available, please call for quote.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call for quote

Durometer Hardness Shore A ± 5	Thickness inches	Sizes* inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (5/16" x 36")	Specifications
20 020E0241	1/8 thru 4	36 x 36 48 x 48	500	550	-30°F to +200°F	5.5 lb	---
40 040E0913	1/8 thru 4	36 x 36 48 x 48	500	350	-30°F to +200°F	5.4 lb	---
50 050E0914	1/8 thru 4	36 x 36 48 x 48	500	300	-30°F to +200°F	5.88 lb	---
60 060E0915	1/8 thru 4	36 x 36 48 x 48	700	250	-30°F to +200°F	5.9 lb	---
70 070E0916	1/8 thru 4	36 x 36 48 x 48	700	150	-30°F to +200°F	6.15 lb	---
80 080E0888	1/8 thru 4	36 x 36 48 x 48	700	100	-30°F to +200°F	6.4 lb	---

ASTM D 2000 M2BC (Neoprene)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040E0687	1/64 thru 1/4	36, 48	1450	500	-50°F to +220°F	2.45 lb	ASTM D 2000 M2BC 410 A14 B14 C12 E034 F17
50 050E0218	1/64 thru 1/4	36, 48	1450	350	-60°F to +220°F	2.53 lb	ASTM D 2000 M2BC 510 A14 B14 C12 E034 F17
60 060E0700	1/64 thru 1/4	36, 48	1450	350	-50°F to +220°F	2.69 lb	ASTM D 2000 M2BC 610 A14 B14 C12 E034 F17
70 070E0722	1/64 thru 1/4	36, 48	1450	250	-60°F to +220°F	2.67 lb	ASTM D 2000 M2BC 710 A14 B14 C12 E034 F17

MIL-R-6855 Class 2 (A & B) - Oil Resistant Neoprene

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
30 030E0811	1/8 thru 4 <i>(slabs only)</i>	36 x 36 48 x 48	1200	500	-50°F to +220°F	2.36 lb	MIL-R-6855 Class 2, Grade 30, Type A&B
40 040E0687	1/64 thru 1/4	36, 48	1300	500	-50°F to +220°F	2.45 lb	MIL-R-6855 Class 2, Grade 40, Type A&B
50 050E0785	1/64 thru 1/4	36, 48	1500	350	-50°F to +220°F	2.53 lb	MIL-R-6855 Class 2, Grade 50, Type A&B
60 060E0700	1/64 thru 1/4	36, 48	1500	300	-50°F to +220°F	2.69 lb	MIL-R-6855 Class 2, Grade 60, Type A&B
70 070E0711	1/64 thru 1/4	36, 48	1600	200	-40°F to +220°F	2.67 lb	MIL-R-6855 Class 2, Grade 70, Type A&B
80 080E0702	1/64 thru 1/4	36, 48	1600	150	-40°F to +220°F	2.78 lb	MIL-R-6855 Class 2, Grade 80, Type A&B

MIL-R-3065 SC (Neoprene)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
30 030E0693	1/32 thru 1/4	36, 48	1000	400	-60°F to +220°F	2.39 lb	MIL-R-3065 SC 310 F1
40 040E0726	1/64 thru 1/4	36, 48	1000	400	-60°F to +220°F	2.47 lb	MIL-R-3065 SC 410 F2
50 050E0727	1/64 thru 1/4	36, 48	1500	350	-60°F to +220°F	2.61 lb	MIL-R-3065 SC 515 F2
60 060E0724	1/64 thru 1/4	36, 48	1500	300	-60°F to +220°F	2.65 lb	MIL-R-3065 SC 615 F2
70 070E0722	1/64 thru 1/4	36, 48	1500	250	-60°F to +220°F	2.61 lb	MIL-R-3065 SC 715 F2
80 080E0701	1/64 thru 1/4	36, 48	1500	100	-60°F to +220°F	2.61 lb	MIL-R-3065 SC 815 F1

Aerospace Material Specification (AMS)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
50 050E0785	1/64 thru 1/4	36, 48	1500	350	-40°F to +220°F	2.53 lb	AMS 3205 Low Temperature (Neoprene)
50 050E0705	1/64 thru 1/4	36, 48	1200	300	-30°F to +220°F	2.51 lb	AMS 3208 Weather Resistant (Neoprene)
70 070P0452	1/64 thru 1/4	36, 48	1500	250	-30°F to +220°F	2.45 lb	AMS 3215 Fuel Resistant (Nitrile)

Anti-Microbial Neoprene This specially formulated sheet product line prevents the growth of bacteria, fungi, and yeasts while avoiding obstacles that organic biocides have posed in the past. This product can alleviate cleaning challenges in food-processing, medical, industrial, and other applications prone to microbial growth.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40** 040E0737	1/32 thru 1/4	36	1000	500	-50°F to +220°F	2.44 lb	ASTM D 2000 M2BC 407 A14 B14 C12 F17 Z1*
50** 050E0970	1/32 thru 1/4	36	1450	350	-40°F to +220°F	2.98 lb	ASTM D 2000 M2BC 510 A14 B14 C12 F17 Z1*
60 060E0969	1/32 thru 1/4	36	1450	350	-30°F to +220°F	2.98 lb	ASTM D 2000 M2BC 610 A14 B14 C12 Z1*

*Z1=Fungus resistance per MIL STD 810, Method 508

**This material is also available with MIL-R-6855 Class 2 (Grade 40 & Grade 50), MIL STD 810E Method 508.4 specification. Please contact Customer Service for a quote.

Low Smoke, Low Flame, Low Toxicity Neoprene

Another example of the extensive capabilities of our laboratory. WARCO BILTRITE fire retardant elastomers offer significant benefits for gasketing and noise control inside railcars. The unique formulations of our highly engineered elastomers allow to safely resist the distribution of flame while emitting very low amounts of toxic smoke. This material is designed and formulated to meet the mass transit industry's most demanding requirements and specifications for smoke generation (ASTM E 662), flame propagation (ASTM C 542), and toxic fume production (SMP 800-C). Rail transit, truck, bus or automotive, WARCO BILTRITE has the material to meet your requirements.

Finish: Nylon Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
65 065E1344	1/32 thru 1/4	36, 48	1200	300	-30°F to +220°F	2.98 lb	ASTM E 662, ASTM C 542 (ASTM C 1166 Procedure), Bombardier SMP 800-C*, Boeing BSS 7239, UL 94VO**

*Certified by Bodycote Materials Testing Canada, Inc.

**This material meets the flame requirement for UL 94VO, but is not UL listed.

Commercial Nitrile - Style 35

A smooth finish blended Nitrile sheet, which is offered in a range of five durometers (40 thru 80 durometer) in order to

perform in a wide variety of applications. Designed to meet ASTM specifications for 1BF material.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 8224 & 8354	1/16 thru 1	36, 48	800	350	-20°F to +170°F	2.5 lb	ASTM D 2000 1BF 408 Z1*, SAE J200 1BF 408 Z1*
50 8225 & 8355	1/32 thru 1	36, 48	800	300	-20°F to +170°F	2.6 lb	ASTM D 2000 1BF 508 Z1*, SAE J200 1BF 508 Z1*
60 8226 & 8356	1/32 thru 1	36, 48	900	200	-20°F to +170°F	2.7 lb	ASTM D 2000 1BF 609, SAE J200 1BF 609
70 8227 & 8357	1/32 thru 1	36, 48	1000	200	-20°F to +170°F	2.7 lb	ASTM D 2000 1BF 710, SAE J200 1BF 710
80 8228 & 8358	1/32 thru 1	36, 48	1000	100	-20°F to +170°F	2.8 lb	ASTM D 2000 1BF 810, SAE J200 1BF 810

*Z1 = Meets basic requirements for BF materials. Physical properties are as listed.

Premium Nitrile

This material is formulated to give excellent fuel and oil resistance and a longer service life in demanding applications.

Finish: Smooth Color: Black Trim: UnTrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040P0179	1/64 thru 1/4	36, 48	1000	450	-30°F to +220°F	2.22 lb	ASTM D 2000 M1BG 407
50 050P0266	1/64 thru 1/4	36, 48	1000	350	-30°F to +220°F	2.32 lb	ASTM D 2000 M1BG 507
60 060P0187	1/64 thru 1/4	36, 48	1450	300	-30°F to +220°F	2.36 lb	ASTM D 2000 M1BG 610
70 070P0135	1/64 thru 1/4	36, 48	1450	250	-30°F to +220°F	2.48 lb	ASTM D 2000 M1BG 710
80 080P0206	1/64 thru 1/4	36, 48	1450	125	-30°F to +220°F	2.59 lb	ASTM D 2000 M1BG 810
90 090P0270	1/32 thru 1/4**	36, 48	1450	100	-30°F to +220°F	2.34 lb	ASTM D 2000 M1BG 910

**1/4" thick 90 durometer material available in slabs only.

FDA Nitrile - Style 37

Style 37 is specially formulated for its whiteness, used in food, pharmaceutical, and cosmetic processing. Made from FDA-approved ingredients per 21CFR 177.2600, it is non-marking, non-allergenic, and safe to use for repeated food exposure. It has good oil and abrasion resistance and handles oily and greasy food products well. This product conforms with 3-A Sanitary 18-03 requirements for multiple use rubber Class III and Class IV.

Finish: Smooth Color: White Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
60 8035	1/16 thru 1/4	36, 48	1000	350	-25°F to +180°F	2.8 lb	ASTM D 2000 1BG 610, FDA Approved Ingredients per 21 CFR 177.2600

WARCO White® FDA Nitrile

As its name implies, this material is specially formulated for its whiteness and is used extensively in food and pharmaceutical environments. It is formulated with FDA-approved ingredients. It is non-toxic, non-marking and non-allergenic. It exhibits good abrasion resistance and handles oily and greasy food products well. All materials are made with FDA approved ingredients per 21 CFR 177.2600 and are intended for repeated food exposure.

Finish: Smooth Color: White Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
45 045P0152	1/32 thru 1/2	36, 48	450	300	-30°F to +220°F	2.71 lb	ASTM D 2000 M1BG 503 Z1 Z2 Z3*, FDA approved ingredients per 21 CFR 177.2600
55 055P0146	1/32 thru 1/2	36, 48	1000	250	-30°F to +220°F	2.75 lb	ASTM D 2000 M1BG 607 Z1 Z2 Z3*, FDA approved ingredients per 21 CFR 177.2600
65 065P0364	1/32 thru 1/2	36, 48	1000	200	-30°F to +220°F	2.95 lb	ASTM D 2000 M1BG 707 Z1 Z2 Z3*, FDA approved ingredients per 21 CFR 177.2600
80 080P0100	1/32 thru 1/4	36, 48	450	100	-30°F to +220°F	3.31 lb	ASTM D 2000 M1BG 803 Z1 Z2**, FDA approved ingredients per 21 CFR 177.2600

*Z1 = ± 5 Durometer, Z2 = FDA Ingredients per 21 CFR 177.2600, Z3 = White in Color

**Z1 = FDA Ingredients per 21 CFR 177.2600, Z2 = White in Color

MIL-R-6855 Class 1 (Fuel Resistant Nitrile)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040P0471	1/64 thru 1/4	36, 48	1100	450	-50°F to +220°F	2.15 lb	MIL-R-6855 Class 1 Grade 40
50 050P0472	1/64 thru 1/4	36, 48	1200	350	-50°F to +220°F	2.38 lb	MIL-R-6855 Class 1 Grade 50
60 060P0473	1/64 thru 1/4	36, 48	1300	300	-50°F to +220°F	2.42 lb	MIL-R-6855 Class 1 Grade 60
70 070P0474	1/64 thru 1/4	36, 48	1400	200	-50°F to +220°F	2.5 lb	MIL-R-6855 Class 1 Grade 70
80 080P0475	1/64 thru 1/4	36, 48	1600	150	-50°F to +220°F	2.46 lb	MIL-R-6855 Class 1 Grade 80

MIL-R-3065 SB (Nitrile)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040P0477	1/64 thru 1/4	36, 48	1000	450	-60°F to +220°F	2.22 lb	MIL-R-3065 SB 410 F2
50 050P0468	1/64 thru 1/4	36, 48	1500	400	-60°F to +220°F	2.22 lb	MIL-R-3065 SB 515 F2
60 060P0461	1/64 thru 1/4	36, 48	1500	300	-60°F to +220°F	2.28 lb	MIL-R-3065 SB 615 F2
70 070P0444	1/64 thru 1/4	36, 48	1500	250	-60°F to +220°F	2.35 lb	MIL-R-3065 SB 715 F2
80 080P0475	1/64 thru 1/4	36, 48	1500	125	-40°F to +220°F	2.45 lb	MIL-R-3065 SB 815 F1

ASTM D 2000 M5BG (Nitrile)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040P0626	1/64 thru 1/4	36, 48	1000	450	-40°F to +220°F	2.14 lb	ASTM D 2000 M5BG 407 A14 B14 E014 E034 F17
50 050P0683	1/64 thru 1/4	36, 48	1000	350	-40°F to +220°F	2.22 lb	ASTM D 2000 M5BG 507 A14 B14 E014 E034 F17
60 060P0450	1/64 thru 1/4	36, 48	1450	300	-40°F to +220°F	2.41 lb	ASTM D 2000 M5BG 610 A14 B14 E014 E034 F17
70 070P0627	1/64 thru 1/4	36, 48	1450	250	-40°F to +220°F	2.41 lb	ASTM D 2000 M5BG 710 A14 B14 E014 E034 F17

MIL-G-1149

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Linear Foot (1/8" x 36")	Specifications
50 050E0189	1/64 thru 1/4	36, 48	1000	300	-30°F to +200°F	2.67 lb	MIL-G-1149 Type 1 Class 1 Grade 50 (Neoprene)
50 050A0172	1/64 thru 1/4	36, 48	1000	300	-40°F to +180°F	2.13 lb	MIL-G-1149 Type 1 Class 2 Grade 50 (SBR)
50 050P0447	1/64 thru 1/4	36, 48	1000	300	-40°F to +200°F	2.32 lb	MIL-G-1149 Type 1 Class 5 Grade 50 (Nitrile)

MIL-R-2765 (Nitrile)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040P0445	1/64 thru 1/4	36, 48	1000	300	-50°F to +220°F	2.24 lb	MIL-R-2765

Transformer Oil Nitrile A Nitrile material designed specifically for the transformer oil market; helping to dissipate the likelihood of high electrostatic charging tendencies. These highly engineered materials, in addition to meeting their respective ASTM D 2000 line call-outs, meet industry specification GE A12C11E7.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
60 060P0996	1/32 thru 1/2	36, 48	2000	300	-30°F to +250°F	2.36 lb	ASTM D 2000 5BG 620 A14 B14 E034; General Electric A12C11E7
70 070P0807	1/32 thru 1/2	36, 48	2000	250	-20°F to +250°F	2.42 lb	ASTM D 2000 5BG 720 A14 B14 E034; General Electric A12C11E7

Bio-Diesel Nitrile

Specially designed and developed for use in environments where alternative fuels are present. Immersion test results indicate that these materials are compatible with alternative fuels and are suitable for Bio-Diesel B20 (20% Bio-Diesel and 80% Petroleum Diesel) & Bio-Diesel B100 (100% Bio-Diesel).

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Features
60 060P0678	1/32 thru 1/2	36, 48	1500	300	-30°F to +220°F	2.39 lb	Compatible with Bio-Diesel B20 & B100
70 070P1042	1/32 thru 1/2	36, 48	1500	250	-30°F to +220°F	2.4 lb	Compatible with Bio-Diesel B20 & B100

Red Rubber SBR - Style 20

An economical red sheet for use in low pressure applications with no oil resistant requirements.

100 lb (half) rolls are also available. Please call for quote.

Finish: Smooth (Also available in fabric finish) **Color: Red** (Also available in Black) **Trim: Trimmed**

Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
75 8010	1/32 thru 1/4	36, 48, 72	400	150	-20°F to +170°F	3.5 lb	ASTM D 1330 Grade 2, ASTM D 2000 1AA 704 Z1 (Z1 = 75 ± 5 Durometer)

Specification Grade SBR

A premium grade SBR sheet with a high tensile strength. Well suited for the heating and plumbing trades. Has good aging, abrasion and tear resistant properties. Refer to physical properties and ASTM data in assessing suitability for intended applications.

Finish: Smooth Color: Red (Also available in Black) **Trim: Untrimmed**

Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
75 075A0370	1/16 thru 1/4	36, 48	450	150	-40°F to +180°F	3.0 lb	ASTM D 2000 M1AA 703 Z1 (Z1 = 75 ± 5 Durometer)

Premium SBR - Style 22

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile psi	Ultimate Elongation %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
75 8008	1/16 thru 1/4	36	700	150	-20°F to +170°F	2.7 lb	ASTM D 1330 Grade 1

Natural Rubber - Style 28

Excellent physical properties such as superior resilience, tensile, elongation, and abrasion resistance. Style 28 is a tan floating stock

and is produced entirely with FDA approved ingredients. It has good tear strength and is resistant to water most salts, mild acids and other chemicals. Not suited for environments involving ozone, strong acids, animal fats, oils, greases and most hydrocarbons. Non-marking and safe to use for repeated food exposure.

Finish: Smooth Color: Tan Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 8031 & 8131	1/16 thru 1	36, 48	3000	600	-20°F to +140°F	1.9 lb	ASTM D 2000 1AA 430, SAE J200 1AA 430, FDA Approved Ingredients per 21 CFR 177.2600

Black Natural Rubber

In addition to our Tan Natural Rubber - Style 28, our Black Natural Rubber exhibits extremely good resiliency and abrasion resistance. It has good tear

strength and is resistant to water, most salts and mild acids.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040R0246	1/64 thru 1/4	36, 48	2500	500	-40°F to +160°F	1.91 lb	ASTM D 2000 M1AA 417
50 050R0566	1/64 thru 1/4	36, 48	2500	400	-40°F to +160°F	2.07 lb	ASTM D 2000 M1AA 517
60 060R0134	1/64 thru 1/4	36, 48	2500	400	-40°F to +160°F	2.28 lb	ASTM D 2000 M1AA 617

Pure Gum Floating Natural Rubber

Light Tan Pure Gum Floating stock has superior resilience, tensile, elongation and abrasion

resistance properties. Light Tan Natural Rubber is produced entirely with FDA approved ingredients per 21 CFR 177.2600. It has good tear strength and is resistant to water, most salts, mild acids, and many other chemicals. Not suited for environments involving ozone, strong acids, animal fats, oils, greases, and most hydrocarbons. Non-marking and safe to use for repeated food exposure.

Finish: Smooth Color: Light Tan (Also available in Black) **Trim: Untrimmed**

Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness Inches	Width Inches	Tensile* min. psi	Ultimate Elongation* min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040R0149	1/16 thru 1/2	36, 48	2500	500	-40°F to +160°F	1.91 lb	ASTM D 2000 M1AA 417, FDA Approved Ingredients PER 21CFR 177.2600

EZ Cut Non-Floating Gum Natural Rubber

Superior resilience, tensile, elongation and abrasion resistance properties. It has good tear strength and is resistant to water, most salts, mild acids, and many other chemicals. Made with FDA approved ingredients per 21 CFR 177.2600.

Finish: Smooth Color: Dark Tan Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040R0579	1/64 thru 1/4	36, 48	2500	500	-40°F to +160°F	2.19 lb	ASTM D 2000 M1AA 417, FDA approved ingredients per 21 CFR 177.2600

Protein Free (Synthetic Polyisoprene) Natural Rubber

This offering represents a synthetic polyisoprene which does not contain protein, which can cause allergic reactions in some cases. All materials are made with FDA approved ingredients per 21 CFR 177.2600.

Finish: Smooth Color: Light Tan Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040R0526	1/64 thru 1/4	36, 48	2500	500	-40°F to +160°F	1.91 lb	ASTM D 2000 M1AA 417, FDA approved ingredients per 21 CFR 177.2600

This material does not contain protein, which may cause allergic reactions.

Tuff-Stuff® Natural Rubber

Tuff-Stuff® Natural Rubber is an outstanding abrasion resistant material. Tuff-Stuff® delivers an optimum combination of tear, abrasion, noise, and impact resistance resulting in reduced maintenance costs and longer service life from capital equipment. Tuff-Stuff® and Tuff-Stuff Plus® have each been specifically formulated and field proven to deliver the ultimate in durability and long life for high production mineral and aggregate facilities.

Tear Resistance (Die C) = 200 PPI.

Finish: Smooth Color: Red Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040R0573	1/8 thru 2	36, 48	2500	500	-40°F to +160°F	1.93 lb	ASTM D 2000 M4AA 421 F17 G21

Commercial EPDM - Style 40

Our most economical EPDM sheet offered. Intended to be used in less critical applications where temperatures are of an intermittent nature.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
50 8058	1/16 thru 1/4	36, 48	800	300	-40°F to +212°F	2.5 lb	ASTM D 2000 3BA 508 C12, SAE J200 3BA 508 C12, MIL-R-3065 RS 508 C1
60 8060	1/16 thru 1/4	36, 48	800	250	-40°F to +212°F	2.6 lb	ASTM D 2000 3BA 608 C12, SAE J200 3BA 608 C12, MIL-R-3065 RS 608 C1
70 8061	1/16 thru 1/4	36, 48	800	150	-40°F to +212°F	2.7 lb	ASTM D 2000 3BA 708 C12, SAE J200 3BA 708 C12, MIL-R-3065 RS 708 C1

Premium EPDM - Style 45

High Grade EPDM is suited for applications where a high performance rating is required. It exhibits excellent resistance to heat, ozone and sunlight and has good temperature flexibility.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
50 8054	1/16 thru 1/4	36, 48	1500	400	-40°F to +225°F	2.2 lb	ASTM D 2000 3BA 515 A14 B13 C12 F17, SAE J200 3BA 515 A14 B13 C12 F17, MIL-R-3065 RS 515 C1 F1
60 8053	1/16 thru 1/4	36, 48	1500	350	-40°F to +225°F	2.2 lb	ASTM D 2000 3BA 615 A14 B13 C12 F17, SAE J200 3BA 615 A14 B13 C12 F17, MIL-R-3065 RS 615 C1 F1
70 8051	1/16 thru 1/4	36, 48	1500	250	-40°F to +225°F	2.2 lb	ASTM D 2000 3BA 715 A14 B13 C12 F17, SAE J200 3BA 715 A14 B13 C12 F17, MIL-R-3065 RS 715 C1 F1
80 8052	1/16 thru 1/4	36, 48	1500	150	-40°F to +225°F	2.2 lb	ASTM D 2000 3BA 815 A14 B13 C12 F17, SAE J200 3BA 815 A14 B13 C12 F17, MIL-R-3065 RS 815 C1 F1

Premium EPDM

An EPDM best suited for applications where a high performance rating is required.

Finish: Smooth Color: Black Trim: Untrimmed

Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040K0038	1/64 thru 1/4	36, 48	1015	300	-50°F to +220°F	2.03 lb	ASTM D 2000 M2BA 407 C12 F17
50 050K0042	1/64 thru 1/4	36, 48	1015	300	-50°F to +220°F	2.2 lb	ASTM D 2000 M2BA 507 C12 F17
60 060K0020	1/64 thru 1/4	36, 48	1015	300	-50°F to +220°F	2.22 lb	ASTM D 2000 M2BA 607 C12 F17
70 070K0052	1/64 thru 1/4	36, 48	1015	200	-50°F to +220°F	2.28 lb	ASTM D 2000 M2BA 707 C12 F17
80 080K0036	1/64 thru 1/4	36, 48	1450	150	-50°F to +220°F	2.28 lb	ASTM D 2000 M2BA 810 C12 F17

Peroxide Cure EPDM

Peroxide cured EPDM provides exceptional heat and aging stability and better compression set performance at higher temperatures. Most peroxides do not bloom and have better color control and stability.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040K0175	1/64 thru 1/4	36, 48	1450	500	-60°F to +300°F	2.13 lb	ASTM D 2000 M4CA 410 A25 B35 C32 EA14 F19
50 050K0474	1/64 thru 1/4	36, 48	1450	300	-60°F to +300°F	2.1 lb	ASTM D 2000 M4CA 510 A25 B35 C32 EA14 F19
60 060K0190	1/64 thru 1/4	36, 48	1450	250	-60°F to +300°F	2.15 lb	ASTM D 2000 M4CA 610 A25 B35 C32 EA14 F19
70 070K0186	1/64 thru 1/4	36, 48	1450	200	-60°F to +300°F	2.2 lb	ASTM D 2000 M4CA 710 A25 B35 C32 EA14 F19
80 080K0386	1/64 thru 1/4	36, 48	1450	150	-60°F to +300°F	2.32 lb	ASTM D 2000 M4CA 810 A25 B35 C32 EA14 F19

MIL-R-21252 (EPDM)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
85 085K0104	1/64 thru 1/4	36, 48	1600	70	-40°F to +220°F	2.3 lb	MIL-R-21252

MIL-R-83285 Grade 80 (EPDM)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
80 080K0386	1/64 thru 1/4	36, 48	2000	150	-60°F to +300°F	2.32 lb	MIL-R-83285 Grade 80

MIL-R-900 (EPDM)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
45 045K0438	1/64 thru 1/4	36, 48	1000	300	-40°F to +180°F	2.1 lb	MIL-R-900

ASTM D 2000 M4AA (EPDM)

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040K0175	1/64 thru 1/4	36, 48	1450	400	-60°F to +300°F	2.1 lb	ASTM D 2000 M4AA 407 A13 B13 C12 F17
50 050K0336	1/64 thru 1/4	36, 48	1450	400	-60°F to +300°F	2.08 lb	ASTM D 2000 M4AA 510 A13 B13 C12 F17
60 060K0190	1/64 thru 1/4	36, 48	1450	350	-60°F to +300°F	2.14 lb	ASTM D 2000 M4AA 610 A13 B13 C12 F17
70 070K0186	1/64 thru 1/4	36, 48	1450	250	-60°F to +300°F	2.2 lb	ASTM D 2000 M4AA 710 A13 B13 C12 F17

Skirtboard & Chute Lining - Style 25

A commercial blended SBR compound used to control wear on surfaces impacted by solid materials and slurries.

Good abrasion and tear resistance. Protects surfaces such as chutes, skirtboards, impact areas, and tumblers.

This product is also available in extruded 50 FT straight lengths. May also be customized with beveled or chamfered edges.

Please call for dimensions and a quote.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Features
65 8055	1/8 thru 1	48	1500	300	-20°F to +170°F	3.3 lb	Good abrasion and tear resistance

AASHTO Unsupported Neoprene Bearing Pads - Style 71

Available in lengths up to 30'. Longer lengths available, please call for quote.

Also available in 36" x 36" and 48" x 48" slabs.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Weight Per Foot (1/2" x 36")	Specification
50 8065	1/4 thru 1	48	2250	400	-40°F to +220°F	15.8 lb	AASHTO Grade 2* Neoprene
60 8066	1/4 thru 1	48	2250	350	-40°F to +220°F	16 lb	AASHTO Grade 2* Neoprene
70 8067	1/4 thru 1	48	2250	300	-40°F to +220°F	12.2 lb	AASHTO Grade 2* Neoprene

Certain states specify requirements other than standard AASHTO specifications. When ordering, identify all requirements or submit individual state specifications. Above meets the Standard Specifications for Highway Bridges, adopted by the American Association of State Highway and Transportation Officials, Sixteenth Edition 1993, Section M251-92, Level 1.

*Other AASHTO grades are available. Please contact customer service for details.

AASHTO Unsupported Natural Rubber Bearing Pads - Style 72

Natural Rubber Unsupported AASHTO Bearing Pads are available in Grade 2 (other grades also available) in lengths up to 30 feet. Longer lengths available, please call for quote. Also available in 36" x 36" and 48" x 48" slabs.

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call 1-800-245-8748 for quote

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Weight Per Foot (1/2" x 36")	Specification
50 8091	1/4 thru 1	48	2250	450	-40°F to +160°F	11.8 lb	AASHTO Grade 2* Natural Rubber
60 8093	1/4 thru 1	48	2250	400	-40°F to +160°F	12 lb	AASHTO Grade 2* Natural Rubber
70 8095	1/4 thru 1	48	2250	300	-40°F to +160°F	12.2 lb	AASHTO Grade 2* Natural Rubber

Certain states specify requirements other than standard AASHTO specifications. When ordering, identify all requirements or submit individual state specifications. Above meets the Standard Specifications for Highway Bridges, adopted by the American Association of State Highway & Transportation Officials, Sixteenth Edition 1993, Section M251-92, Level 1.

*Other AASHTO grades are available. Please contact customer service for details.

AASHTO Unsupported Calendered Neoprene Bearing Pads

Also available in 36" x 36" and 48" x 48" slabs.

Thickness Tolerance: 1.25" thick or less = +0.125"/-0 Width Tolerance: 36" width = +0.25"/-0, 48" width = +0.5"/-0

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specification
50 050E0052	1/8 thru 1/2	36, 48	2250	400	-40°F to +220°F	2.54 lb	AASHTO Grade 3 Neoprene
60 060E0054	1/8 thru 1/2	36, 48	2250	350	-40°F to +220°F	2.56 lb	AASHTO Grade 3 Neoprene
70 070E0056	1/8 thru 1/2	36, 48	2250	300	-40°F to +220°F	2.60 lb	AASHTO Grade 2 Neoprene

Certain states specify requirements other than standard AASHTO specifications. When ordering, identify all requirements or submit individual state specifications. Above meets the Standard Specifications for Highway Bridges, adopted by the American Association of State Highway and Transportation Officials, Sixteenth Edition 1993, Section M251-92, Level 1.

*Other AASHTO grades are available. Please contact customer service for details.

AASHTO Unsupported Molded Neoprene Bearing Pads

Also available in 36" and 48" width rolls.

Thickness Tolerance: 1.25" thick or less = +0.125"/-0 Width Tolerance: 36" width = +0.25"/-0, 48" width = +0.5"/-0

Finish: Smooth Color: Black Trim: Trimmed Non-Stock Minimum: Please call for quote

Durometer Hardness Shore A ± 5	Thickness inches	Size inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/2" x 36")	Specification
50 050E0979	1/4 thru 1	36x36 48x48	2250	400	-40°F to +220°F	10.15 lb	AASHTO Grade 3 Neoprene
60 060E0986	1/4 thru 1	36x36 48x48	2250	350	-40°F to +220°F	10.31 lb	AASHTO Grade 3 Neoprene
70 070E0869	1/4 thru 1	36x36 48x48	2250	300	-40°F to +220°F	10.39 lb	AASHTO Grade 2 Neoprene

Certain states specify requirements other than standard AASHTO specifications. When ordering, identify all requirements or submit individual state specifications. Above meets the Standard Specifications for Highway Bridges, adopted by the American Association of State Highway and Transportation Officials, Sixteenth Edition 1993, Section M251-92, Level 1.

*Other AASHTO grades are available. Please contact customer service for details.

Fluorozone®

Premium Performance FKM

Fluorozone® Premium Performance FKM sheet is made with **100% virgin domestic-made premium 3M™ Dyneon™ Fluoroelastomer polymer**. With 66% Fluorine content, Fluorozone® Premium Performance FKM is comparable to A-type Fluoroelastomer products. This material exhibits resistance to a broad range of oils, fuels, lubricants and most mineral acids. Fluorozone® has very good resistance to many aliphatic hydrocarbon fluids that can dissolve many other types of rubber.

Finish: **Smooth** (Nylon finish available, upcharge will apply) Color: **Black** Trim: **Untrimmed**

Durometer Hardness Shore A ± 5	Thickness inches	Sheet Width inches	Tensile (psi)		Ultimate Elongation (%)		Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Compound
			minimum	typical	minimum	typical			
60	1/64 - 1/4	36, 48	800	1200	250	350	-20°F to +400°F	3.68 lb	060F0207
70	1/64 - 1/4	36, 48	900	1200	200	300	-20°F to +400°F	3.65 lb	075F0233
75	1/64 - 1/4	36, 48	1000	1250	200	300	-20°F to +400°F	3.65 lb	075F0205

Tensile & Elongation physicals are presented in minimum and typical values - we certify to minimum value.

Fluorozone®

Brown Premium Performance FKM

Fluorozone® Brown Premium Performance FKM sheet is made with **100% virgin USA-made premium 3M™ Dyneon™ Fluoroelastomer polymer (formerly known as Fluorel™)**. Fluorozone® Brown Premium Performance FKM exhibits resistance to a broad range of oils, fuels, lubricants and most mineral acids. Fluorozone® has very good resistance to many aliphatic hydrocarbon fluids that can dissolve many other types of rubber.

Finish: **Smooth** (Nylon finish available, upcharge will apply) Color: **Brown** Trim: **Untrimmed**

Durometer Hardness Shore A ± 5	Thickness inches	Sheet Width inches	Tensile (psi)		Ultimate Elongation (%)		Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Compound
			minimum	typical	minimum	typical			
75	1/64 - 1/4	36, 48	1000	1200	175	200	-20°F to +400°F	4.40 lb	075F0217

Tensile & Elongation physicals are presented in minimum and typical values - we certify to minimum value.

Fluorozone®

Mil-Spec Performance FKM

Fluorozone® Mil-Spec Performance FKM sheet is formulated to meet the AMS 3216 specification (supercedes MIL-R-83248) and is made with **100% virgin domestic-made premium 3M™ Dyneon™ Fluoroelastomer polymer (formerly known as Fluorel™)**. Fluorozone Mil-Spec Performance FKM is our second offering in the Fluorozone® FKM product family. This material exhibits a higher temperature range and increased tensile strength compared to our Fluorozone Premium Performance grade. Fluorozone has very good resistance to many aliphatic hydrocarbon fluids that can dissolve many other types of rubber and has resistance to a broad range of oils, fuels, lubricants and most mineral acids.

Finish: **Smooth** (Nylon finish available, upcharge will apply) Color: **Black** Trim: **Untrimmed**

Durometer Hardness Shore A ± 5	Thickness inches	Sheet Width inches	Tensile (psi)		Ultimate Elongation (%)		Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
			minimum	typical	minimum	typical			
75 075F0212	1/32 - 1/4	36, 48	1600	1850	125	150	-20°F to +500°F	3.55 lb	AMS 3216G, MIL-R-83248C Type II Class 1

Tensile & Elongation physicals are presented in minimum and typical values - we certify to minimum value.

Fluorozone[®]

FDA Performance FKM

Formulated for food and lab applications where FDA compliance is required. Made from FDA-approved ingredients per 21CFR 177.2600 including **100% virgin domestic-made premium 3M™ Dyneon™ Fluoroelastomer polymer** (formerly known as *Fluorel™*). With 66% Fluorine content, this material exhibits resistance to a broad range of oils, fuels, lubricants and most mineral acids. It has very good resistance to many aliphatic hydrocarbon fluids that act as solvents for many other rubbers.

Finish: **Smooth** (Nylon finish available, upcharge will apply) Color: **Black** Trim: **Untrimmed**

Durometer Hardness Shore A ± 5	Thickness inches	Sheet Width inches	Tensile (psi)		Ultimate Elongation (%)		Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Compliance
			minimum	typical	minimum	typical			
60 060F0221	1/32 - 1/4	36, 48	800	1200	200	250	-20°F to +450°F	3.76 lb	FDA 21 CFR 177.2600
75 075F0223	1/32 - 1/4	36, 48	800	1300	150	200	-20°F to +450°F	3.92 lb	FDA 21 CFR 177.2600

Tensile & Elongation physicals are presented in minimum and typical values - we certify to minimum value.

Commercial Viton[®] A

This material exhibits a broad range of resistance to oils, fuels, lubricants and most mineral acids. It has very good resistance to many aliphatic hydrocarbon fluids that act as solvents for many other rubbers. Exceptionally good compression set attributes even at temperatures that can embrittle other non-fluorinated elastomers. It also exhibits good resistance to atmospheric oxidation, sun, and weather, and has excellent resistance to fungus and mold. **Finish: Smooth Color: Black Trim: Untrimmed**

Non-Stock Minimum: Please call for minimums and availability.



Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Features
70 070F0074	1/32 thru 1/4	36, 48	800	175	-20°F to +400°F	3.7 lb	66% Fluorine, Cinnamon Scented, 100% Viton [®] FKM
75 075F2124	1/32 thru 1/4	36, 48	1000	175	-20°F to +400°F	3.7 lb	

Brown Commercial Viton[®] A

This material exhibits a broad range of resistance to oils, fuels, lubricants and most mineral acids. It has very good resistance to many aliphatic hydrocarbon fluids that act as solvents for many other rubbers. Exceptionally good compression set attributes even at temperatures that can embrittle other non-fluorinated elastomers. It also exhibits good resistance to atmospheric oxidation, sun, and weather, and has excellent resistance to fungus and mold. **Finish: Smooth Color: Brown Trim: Untrimmed**

Non-Stock Minimum: Please call for minimums and availability.



Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Features
75 075F0123	1/32 thru 1/4	36, 48	1000	175	-20°F to +400°F	4.4 lb	100% DuPont Viton [®] FKM

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Premium Viton® A

A broad range of resistance to oils, fuels, lubricants and most mineral acids. Very good resistance to many aliphatic hydrocarbon fluids that act as solvents for many other rubbers. Exceptionally good compression set resistance; even at temperatures that can degrade other non-fluorinated elastomers. Good resistance to atmospheric oxidation, sun, and weather. Excellent resistance to fungus and mold. 66% fluorine content.

Finish: Smooth Color: Black Trim: Untrimmed

Non-Stock Minimum: Please call for minimums and availability.



Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
60 060F0053	1/16 - 1/4	36, 48	1000	200	-20°F to +450°F	3.79 lb	ASTM D 2000 M1HK 607
70 070F0052	1/32 - 1/4	36, 48	1000	175	-20°F to +450°F	3.58 lb	ASTM D 2000 M1HK 707
80 080F0054	1/32 - 1/4	36, 48	1000	150	-20°F to +450°F	3.61 lb	ASTM D 2000 M1HK 807

Mil-Spec Viton® A

A broad range of resistance to oils, fuels, lubricants and most mineral acids. Excellent resistance to hot greases found in engines and compressors and excellent resistance to a wide range of concentrated acids. Made with 66% fluorine content. This material is approved under the Government's Q.P.L. 83248-3.

Finish: Smooth Color: Black Trim: Untrimmed

Non-Stock Minimum: Please call for minimums and availability.



Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
75 075F0081	1/64 thru 1/4	36, 48	1600	125	-20°F to +500°F	3.63 lb	AMS 3216G, MIL-R-83248C Type II Class I

Viton® B

Viton® B has greater resistance and retains flexibility better after dry heat aging than Viton® A. It is recommended for applications requiring maximum retention of elastic properties combined with good mechanical properties. Viton® B offers superior resistance to both diluted and concentrated aggressive acids.

Finish: Smooth Color: Black Trim: Untrimmed

Non-Stock Minimum: Please call for minimums and availability.



Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
70 070F0195	1/32 - 1/4	36, 48	1000	175	-20°F to +450°F	3.75 lb	ASTM D 2000 M1HK 707
75 075F0165	1/32 - 1/4	36, 48	1000	150	-20°F to +450°F	3.81 lb	ASTM D 2000 M1HK 807 Z*

*Z = 75 ± 5 Durometer

FDA Viton® A

Perfect for food and lab applications where FDA compliance is required. This material has good chemical resistance, high temperature properties and is resistant to corrosives. Safe to use for repeated food exposure.

Finish: Smooth Color: Black Trim: Untrimmed

Non-Stock Minimum: Please call for minimums and availability.



Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
75 075F0151	1/64 thru 1/4	36, 48	700	150	-20°F to +450°F	3.63 lb	FDA approved ingredients per 21 CFR 177.2600

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INFINISIL™

Performance Silicone

WARCO BILTRITE's commercial grade silicone sheet is designed to be used in applications where physical properties are not critical but extreme temperature (high or low) resistance is still needed. This material also provides excellent UV and ozone resistance. It is non-toxic, chemically inert and fungus resistant.

Finish: Smooth Color: Red (Also available in Black, White, & Gray) **Trim: Untrimmed**

Non-Stock Minimum: Please call for minimums and availability.

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile typical psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Features
40 040S0842	1/32 thru 1/4	36, 48	750	450	-80°F to +450°F	2.36 lb	High and Low Temperature Resistance, Excellent Weathering Resistance
50 050S0843	1/32 thru 1/4	36, 48	750	400	-80°F to +450°F	2.46 lb	
60 060S0844	1/32 thru 1/4	36, 48	800	350	-80°F to +450°F	2.63 lb	
70 070S0845	1/32 thru 1/4	36, 48	800	300	-80°F to +450°F	2.59 lb	
80 080S0846	1/32 thru 1/4	36, 48	800	200	-80°F to +450°F	--- lb	

INFINISIL™

Spec-Grade Performance Silicone

INFINISIL™ Spec-Grade Performance Silicone is designed to be used in applications where higher physical properties and lower compression set are required. It is resistant to extreme high and low temperature ranges and is proven to be an excellent gasketing material. Meets the A-A-59588 specification which supercedes ZZ-R-765.

Finish: Smooth Color: Red (Also available in Black, White, & Gray) **Trim: Untrimmed**

Non-Stock Minimum: Please call for minimums and availability.

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile (psi)		Ultimate Elongation (%)		Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
			min.	typical	min.	typical			
40 040S0561	1/32 thru 1/4	36, 48	725	800	300	400	-80°F to +450°F	2.36 lb	A-A-59588 2A & 2B Grade 40, AMS 3301, ASTM D2000 M1GE 405
50 050S0562	1/32 thru 1/4	36, 48	725	820	250	300	-80°F to +450°F	2.42 lb	A-A-59588 2A & 2B Grade 50, AMS 3302, ASTM D2000 M1GE 505
60 060S0563	1/32 thru 1/4	36, 48	725	820	200	320	-80°F to +450°F	2.57 lb	A-A-59588 2A & 2B Grade 60, AMS 3303, ASTM D2000 M1GE 605
70 070S0564	1/32 thru 1/4	36, 48	725	900	150	280	-80°F to +450°F	2.59 lb	A-A-59588 2A & 2B Grade 70, AMS 3304, ASTM D2000 M1GE 705

INFINISIL™

FDA Performance Silicone

This Silicone material is designed for applications where food or consumables are present. FDA Silicone is low volatile, peroxide-free and does not discolor over time. The ingredients used to make this product are listed in CFR 177.2600, an FDA regulation dealing with rubber articles that are intended for repeated food exposure. This material is ozone and UV resistant.

Finish: Smooth Color: Red (Also available in Black, White, & Gray) **Trim: Untrimmed**

Non-Stock Minimum: Please call for minimums and availability.

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040S1090	1/32 thru 1/4	36, 48	450	300	-80°F to +400°F	2.18 lb	FDA approved ingredients per 21 CFR 177.2600
50 050S1091	1/32 thru 1/4	36, 48	450	250	-80°F to +400°F	2.54 lb	
60 060S1092	1/32 thru 1/4	36, 48	450	200	-80°F to +400°F	2.67 lb	
70 070S1093	1/32 thru 1/4	36, 48	450	150	-80°F to +400°F	2.75 lb	
80 080S1094	1/32 thru 1/4	36, 48	450	100	-80°F to +400°F	2.77 lb	

Butyl Butyl (also known as Isobutylene-isoprene) is impermeable to air and used in many applications requiring airtight rubber. Butyl rubber has outstanding resistance to gases, vapors, heat aging, oxygen, ozone, sunlight, abrasion and tearing. It has excellent resistance to alkalis and acids and is good for electrical insulation.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
40 040T0083	1/32 thru 1/4	36, 48	1000	400	-40°F to +180°F	2.09 lb	ASTM D 2000 M1AA 407
50 050T0055	1/32 thru 1/4	36, 48	1000	400	-40°F to +180°F	2.2 lb	ASTM D 2000 M1AA 507
60 060T0056	1/32 thru 1/4	36, 48	1000	300	-40°F to +180°F	2.24 lb	ASTM D 2000 M1AA 607
70 070T0080	1/32 thru 1/4	36, 48	1450	250	-40°F to +180°F	2.3 lb	ASTM D 2000 M1AA 710

Cloth-Inserted Neoprene - Regular Cotton Ply

Cloth reinforcement enhances dimensional stability in flanged gasket applications with high compression loads. This construction includes one ply of cotton fabric for each 1/16" thickness.

Temperature Range: -30°F to +200°F Finish: Smooth Color: Black Trim: Untrimmed Fabric Type: Cotton
Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness* Shore A ± 5	Thickness inches	Width inches	Tensile* min. psi	Ultimate Elongation* min. %	Fabric Type	Estimated Weight Per Foot (1/8" x 36")	Features
70* 070E1162	1/16 thru 1/4	36, 48	800*	150*	Cotton	2.41 lb	Cotton-Inserted Sheet

***Physicals are based on rubber only (no insert).**

Durometer and tensile strength of the above material is calculated with the respective material inserted into the sheet.

This construction includes one Cotton ply for each 1/16" thickness: 1/16 - 3/32 = 1 ply 1/8" = 2 plies 3/16" = 3 plies 1/4" = 4 plies

Cloth-Inserted Neoprene - Regular Polyester Ply

Cloth reinforcement enhances dimensional stability in flanged gasket applications with high compression loads. This construction includes one ply of polyester fabric for each 1/16" thickness.

Temperature Range: -30°F to +200°F Finish: Smooth Color: Black Trim: Untrimmed Fabric Type: Polyester
Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness* Shore A ± 5	Thickness inches	Width inches	Tensile* min. psi	Ultimate Elongation* min. %	Fabric Weight	Fabric Type	Estimated Weight Per Foot (1/8" x 36")	Features
70* 070E1028	1/16 thru 1/4	36, 48	800*	150*	4.0 oz	Polyester	2.34 lb	Polyester-Inserted Sheet

***Physicals are based on rubber only (no insert).**

Durometer and tensile strength of the above material is calculated with the respective material inserted into the sheet.

This construction includes one ply for each 1/16" thickness: 1/16 - 3/32 = 1 ply 1/8" = 2 plies 3/16" = 3 plies 1/4" = 4 plies

Cloth-Inserted SBR - Regular Cotton Ply

Cloth reinforcement enhances dimensional stability in flanged gasket applications with high compression loads. Suitable for use in air, hot water, low pressure steam, and hydraulic services. An SBR compound reinforced with a close weave cotton fabric. This construction includes one ply of cotton fabric for each 1/16" thickness.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness* Shore A ± 5	Thickness inches	Width inches	Tensile* min. psi	Ultimate Elongation* min. %	Fabric Type	Temperature Range*	Estimated Weight Per Foot (1/8" x 36")	Features
65* 065A0447	1/16 thru 1/4	36, 48	1300*	300*	Cotton	-30°F to +170°F*	2.75 lb	Cotton-Inserted Sheet

*Physicals are based on rubber only (no insert).

This construction includes one ply for each 1/16" thickness: 1/16 - 3/32 = 1 ply 1/8" = 2 plies 3/16" = 3 plies 1/4" = 4 plies

Cloth-Inserted SBR - Regular Polyester Ply

Cloth reinforcement enhances dimensional stability in flanged gasket applications with high compression loads. Suitable for use in air, hot water, low pressure steam, and hydraulic services. An SBR compound reinforced with a close weave polyester. This construction includes one ply of polyester fabric for each 1/16" thickness.

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness* Shore A ± 5	Thickness inches	Width inches	Tensile* min. psi	Ultimate Elongation* min. %	Fabric Type	Temperature Range*	Estimated Weight Per Foot (1/8" x 36")	Features
65* 065A0446	1/16 thru 1/4	36, 48	1300*	300*	4.0 oz Polyester	-30°F to +170°F*	2.74 lb	Polyester-Inserted Sheet

*Physicals are based on rubber only (no insert).

This construction includes one ply for each 1/16" thickness: 1/16 - 3/32 = 1 ply 1/8" = 2 plies 3/16" = 3 plies 1/4" = 4 plies

Cloth-Inserted SBR - Reduced Cotton Ply

Like Regular Ply CI Sheet, reduced ply CI sheet addresses the need for dimensional stability in applications with high compression loads. Cotton fabric content per thickness is one ply for 1/8", two plies for 3/16", and three plies for 1/4".

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness* Shore A ± 5	Thickness inches	Width inches	Tensile* min. psi	Ultimate Elongation* min. %	Fabric Type	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Features
65* 065A0447	1/8 thru 1/4	36, 48	1300*	300*	Cotton	-30°F to +170°F	2.75 lb	Cotton-Inserted Sheet

*Physicals are based on rubber only (no insert).

This construction includes the following fabric content per thickness: 1/8" = 1 ply 3/16" = 2 plies 1/4" = 3 plies

Cloth-Inserted SBR - Reduced Polyester Ply

Like Regular Ply CI Sheet, reduced ply CI sheet addresses the need for dimensional stability in applications with high compression loads. Polyester fabric content per thickness is one ply for 1/8", two plies for 3/16", and three plies for 1/4".

Finish: Smooth Color: Black Trim: Untrimmed Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Durometer Hardness* Shore A ± 5	Thickness inches	Width inches	Tensile* min. psi	Ultimate Elongation* min. %	Fabric Type	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Features
65* 065A0446	1/8 thru 1/4	36, 48	1300*	300*	4.0 oz Polyester	-30°F to +170°F	2.74 lb	Polyester-Inserted Sheet

*Physicals are based on rubber only (no insert).

This construction includes the following fabric content per thickness: 1/8" = 1 ply 3/16" = 2 plies 1/4" = 3 plies

HHP-151F Cloth-Inserted (CI) Sheet

Designed for ventilating systems and for flange joints for water or brine systems to withstand 250 pounds of pressure. A typical application is a flange gasket in which the compression loads are so high that non-reinforced rubber would squeeze or extrude out between the flanges.

Finish: Smooth Color: Black Trim: Untrimmed Fabric Type: Cotton

Non-Stock Minimum: 2 rolls (For 1 roll, please call for quote)

Class	Polymer	Durometer Hardness* Shore A ± 5	Thickness inches	Width inches	Tensile* min. psi	Ultimate Elongation* min. %	Temperature Range	Fabric Weight per sq yd	Estimated Weight Per Linear Foot (1/8" x 36")	Oil Resistance
1	SBR	50 050A0425	1/16 thru 1/4	36, 48	1500	250	-40°F to +200°F	10.8 oz	2.23 lb	n/a
2	Neoprene	60 060E1395	1/16 thru 1/4	36, 48	1500	250	-40°F to +220°F	10.8 oz	2.73 lb	Medium
3	SBR	50 050A0425	1/16 thru 1/4	36, 48	1500	250	-40°F to +200°F	10.8 oz	2.23 lb	n/a
4	Nitrile	50 050P1016	1/16 thru 1/4	36, 48	1500	250	-40°F to +250°F	10.8 oz	2.40 lb	High

***Physicals are based on rubber only (no insert).**

This construction includes one 10.8 oz (per sq yd) cotton ply for each 1/16" thickness:

1/16" = 1 ply; 1/8" = 2 ply; 3/16" = 3 ply; 1/4" = 4 ply

General Purpose Grade TPE - Black

A family of both soft and hard, black, versatile thermoplastic. This material combines good physical properties and chemical resistance for use in a wide range of applications. Specified for its performance properties in a variety of industries: major appliances, caster wheels, mass transit, safety & protection, marine and industrial machinery.

Finish: Smooth Color: Black Trim: Trimmed Minimum: Please call for quote

Durometer Hardness Shore ± 5	Durometer Type	Thickness inches	Width inches	Tensile* psi	Ultimate Elongation* %	Temperature Range	Estimated Weight Per Foot (1/8" x 24")	Specifications
55 101M0055	A	0.02 thru 0.25	24	640	330	-50°F to +275°F	1.27 lb	MSAR20A
64 101M0064	A	0.02 thru 0.25	24	1000	440	-50°F to +275°F	1.27 lb	
73 101M0073	A	0.02 thru 0.25	24	1200	375	-50°F to +275°F	1.27 lb	
80 101M0080	A	0.02 thru 0.25	24	1600	450	-50°F to +275°F	1.27 lb	
87 101M0087	A	0.02 thru 0.25	24	2300	550	-50°F to +275°F	1.27 lb	
40 103M0040	D	0.02 thru 0.25	24	2750	600	-50°F to +275°F	1.27 lb	
50 103M0050	D	0.02 thru 0.25	24	4000	600	-50°F to +275°F	1.27 lb	

*Typical Values

General Purpose Grade TPE - Neutral

A family of soft, as well as hard, colorable, versatile thermoplastic. This material

combines good physical properties and chemical resistance for use in a wide range of applications.

Finish: Smooth Color: Neutral Trim: Trimmed Minimum: Please call for quote

Durometer Hardness Shore ± 5	Durometer Type	Thickness inches	Width inches	Tensile* psi	Ultimate Elongation* %	Temperature Range	Estimated Weight Per Foot (1/8" x 24")	Specifications DaimlerChrysler, Ford Worldwide, General Motors
55 201M0055	A	0.02 thru 0.25	24	640	330	-50°F to +275°F	1.27 lb	-----
64 201M0064	A	0.02 thru 0.25	24	1000	440	-50°F to +275°F	1.27 lb	MSAR20B, WSD-M2D379-A1, GMP.E/P.002
73 201M0073	A	0.02 thru 0.25	24	1200	375	-50°F to +275°F	1.27 lb	MSAR20C, WSD-M2D380-A1, GMP.E/P.003
80 201M0080	A	0.02 thru 0.25	24	1600	450	-50°F to +275°F	1.27 lb	MSAR20D, WSD-M2D381-A1, GMP.E/P.004
87 201M0087	A	0.02 thru 0.25	24	2300	550	-50°F to +275°F	1.27 lb	MSAR20E, WSD-M2D382-A1, GMP.E/P.005
40 203M0040	D	0.02 thru 0.25	24	2750	600	-50°F to +275°F	1.27 lb	MSAR30A, WSD-M2D441-A, GMP.E/P.006
50 203M0050	D	0.02 thru 0.25	24	4000	600	-50°F to +275°F	1.27 lb	MSAR30B, WSD-M2D712-A1, GMP.E/P.007

*Typical Values

NSF 51 & NSF 61 Approved Grade TPE

Complies with NSF 61 for plumbing applications in contact with potable

water and NSF 51 for food processing equipment. Complies with FDA regulations for rubber articles intended for repeated use, as well as those in contact with non-fatty, non-oily foods as closures and sealing gaskets.

Finish: Smooth Color: Neutral Trim: Trimmed Minimum: Please call for quote

Durometer Hardness Shore ± 5	Durometer Type	Thickness inches	Width inches	Tensile* psi	Ultimate Elongation* %	Temperature Range	Estimated Weight Per Foot (1/8" x 24")	Specifications
55 241M0055	A	0.02 thru 0.25	24	640	330	-50°F to +275°F	1.27 lb	NSF 51 Approved, NSF 61 Approved
64 241M0064	A	0.02 thru 0.25	24	1000	440	-50°F to +275°F	1.27 lb	
73 241M0073	A	0.02 thru 0.25	24	1200	460	-50°F to +275°F	1.27 lb	
80 241M0080	A	0.02 thru 0.25	24	1600	500	-50°F to +275°F	1.27 lb	
87 241M0087	A	0.02 thru 0.25	24	2300	500	-50°F to +275°F	1.27 lb	
40 243M0040	D	0.02 thru 0.25	24	2750	550	-50°F to +275°F	1.27 lb	
50 243M0050	D	0.02 thru 0.25	24	2700	550	-50°F to +275°F	1.27 lb	

*Typical Values

Flame Retardant Grade TPE

A hard, colorable, flame retardant material. It exhibits good fluid resistance and contains non-ether brominated flame retardants (non-furan emitting). It does not contain added antioxidants or metal deactivators.

Finish: Smooth Color: Neutral Trim: Trimmed Minimum: Please call for quote

Durometer Hardness Shore ± 5	Durometer Type	Thickness inches	Width inches	Tensile* psi	Ultimate Elongation* %	Temperature Range	Estimated Weight Per Foot (1/8" x 24")	Specifications
80 251M0080	A	0.02 thru 0.25	24	1050	410	-50°F to +275°F	1.27 lb	MSAR40A
85 251M0085	A	0.02 thru 0.25	24	1480	445	-50°F to +275°F	1.27 lb	MSAR40B
92 251M0092	A	0.02 thru 0.25	24	2020	530	-50°F to +275°F	1.27 lb	
36 253M0036	D	0.02 thru 0.25	24	1700	490	-50°F to +275°F	1.27 lb	
50 253M0050	D	0.02 thru 0.25	24	3720	660	-50°F to +275°F	1.27 lb	

*Typical Values

FDA Approved Grade TPE - Black

TPEs (thermoplastic elastomers) have the properties and performance of rubber, but are processed like plastic. It has excellent clarity & superior colorability, and very good heat resistance. It was designed for applications where FDA compliance, clarity & enhanced heat resistance are required. Safe to use for repeated food exposure.

Finish: Smooth Color: Black Trim: Trimmed Minimum: Please call for quote

Durometer Hardness Shore ± 5	Durometer Type	Thickness inches	Width inches	Tensile* psi	Ultimate Elongation* %	Temperature Range	Estimated Weight Per Foot (1/8" x 24")	Features
55 171M0055	A	0.02 thru 0.25	24	640	330	-50°F to +275°F	1.27 lb	FDA approved ingredients per 21 CFR 177.2600
64 171M0064	A	0.02 thru 0.25	24	1000	440	-50°F to +275°F	1.27 lb	
73 171M0073	A	0.02 thru 0.25	24	1200	460	-50°F to +275°F	1.27 lb	

*Typical Values

FDA Approved Grade TPE - Neutral

TPEs (thermoplastic elastomers) have the properties and performance of rubber, but are processed like plastic. It has excellent clarity & superior colorability, and very good heat resistance. It was designed for applications where FDA compliance, clarity & enhanced heat resistance are required. Safe to use for repeated food exposure.

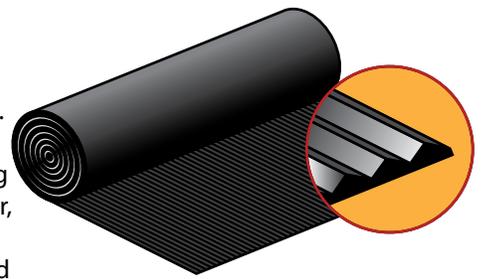
Finish: Smooth Color: Neutral Trim: Trimmed Minimum: Please call for quote

Durometer Hardness Shore ± 5	Durometer Type	Thickness inches	Width inches	Tensile* psi	Ultimate Elongation* %	Temperature Range	Estimated Weight Per Foot (1/8" x 24")	Specifications
55 271M0055	A	0.02 thru 0.25	24	640	330	-50°F to +275°F	1.27 lb	FDA approved ingredients per 21 CFR 177.2600
64 271M0064	A	0.02 thru 0.25	24	1000	440	-50°F to +275°F	1.27 lb	
73 271M0073	A	0.02 thru 0.25	24	1200	460	-50°F to +275°F	1.27 lb	
80 271M0080	A	0.02 thru 0.25	24	1600	500	-50°F to +275°F	1.27 lb	
87 271M0087	A	0.02 thru 0.25	24	2300	500	-50°F to +275°F	1.27 lb	
40 273M0040	D	0.02 thru 0.25	24	2750	550	-50°F to +275°F	1.27 lb	
50 273M0050	D	0.02 thru 0.25	24	4000	550	-50°F to +275°F	1.27 lb	

*Typical Values

Corrugated Matting

Most widely used where floor protection and safety are vitally important. Applications include general use in industry, home and office for heavy traffic areas, aisles, hard floor surfaces or as anti-fatigue matting. Use thicker matting for extra heavy duty service. Product strengths include extended wear, all-weather, strong sound absorption characteristics, cleanability and wear resistance. Will not curl, shrink, or separate. This product can be easily beveled and perforated for entry mat use.

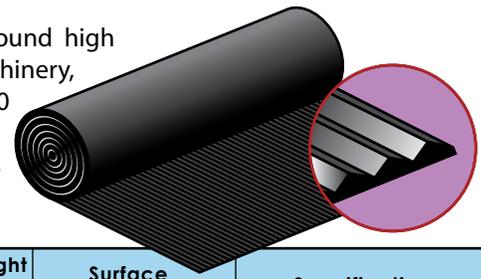


Finish: Corrugated Texture Color: Black Trim: Trimmed Non-Stock Minimum: Please call for quote

Color	Thickness inches	Width inches	Approximate Roll Length	Approximate Weight Per Foot (12" x 36")	Surface Texture	Specifications
Black	1/8	24, 36, 48, 72	Half = 75 feet Full = 150 feet	2.1 lb	Corrugated	ASTM D 2000 1AA 706
Black	3/16	36, 48, 72	75 feet	3.7 lb	Corrugated	ASTM D 2000 1AA 706
Black	1/4	24, 36, 48, 72	75 feet 72" = 36 feet	5 lb	Corrugated	ASTM D 2000 1AA 706
Black	3/8	72	18 feet	7.4 lb	Corrugated	ASTM D 2000 1AA 706

ASTM Switchboard Type 1 Matting

Expressly designed to protect against electrical shock when working around high voltage apparatus such as fuse boxes, control panels, and electrical machinery, when used as specified by ASTM D178-93, as amended. Proof tested at 20,000 volts AC. Maximum recommended use voltage is 17,000 volts. Dielectric strength 30,000 volts AC. Permanently branded. Please refer to specifications for additional information.



Finish: Corrugated Texture Color: Black Trim: Trimmed

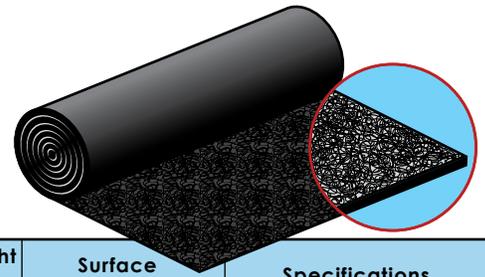
Color	Thickness inches	Width inches	Approximate Roll Length	Approximate Weight Per Foot (12" x 36")	Surface Texture	Specifications
Black	1/4	24, 36, 48	75 feet	5 lb*	Corrugated	ASTM D 178-93 Type 1 Class 2

*Conforms to OSHA Regulations. Ref. 29 CFR 1920.137 & 29 CFR 1910.309(b)

KleenRite® Matting

KleenRite® matting is ideally suited for tool box lining, utility vehicles, step stools and a myriad of other applications.

Finish: KleenRite Texture Color: Black Trim: Trimmed

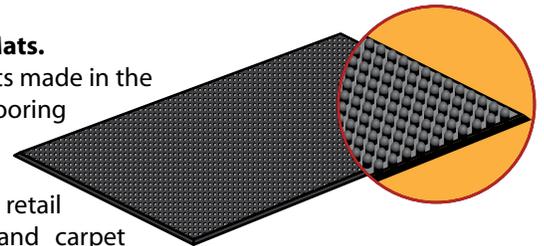


Color	Thickness inches	Width inches	Approximate Roll Length	Approximate Weight Per Foot (12" x 36")	Surface Texture	Specifications
Black	0.08	36, 48	Half = 75 feet Full = 150 feet	1.6 lb	Non-Directional, Textured Finish	ASTM D 2000 1AA 704

FingerTrac Entrance Mats

Stop dirt at the door with WARCO BILTRITE's FingerTrac Entrance Mats.

WARCO BILTRITE provides high quality FingerTrac Rubber Entrance Mats made in the USA designed to maintain cleanliness and to help protect and extend flooring life. Perfectly suited for outdoor or indoor entrances and specifically designed to clean and scrape shoe soles of any dirt, sand, grit, mud and snow - eliminating ugly tracking problems in office buildings, retail establishments and homes, resulting in reduced costs on floor and carpet maintenance issues.

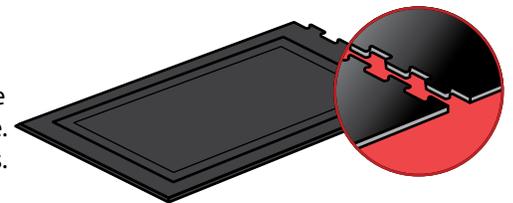


- All weather high performance mat
- Designed with thousands of flexible tapered vertical rubber fingers that scrape shoe soles clean and a thicker base that provides more flexing and longer wear
- Contains 30% more fingers and is 25% heavier on average than the imports
- Full 1/8" fingerbed thickness
- Beveled edges on all four sides enhance safety while trapping dirt and other elements
- Easy to clean
- Utilize the FingerTrac superior construction by placing at workstations as anti-fatigue mats

Tredair Anti-Fatigue Comfort Mats

The ultimate in comfort with honeycombed air cells providing resilience while creating long-lasting foot and leg comfort that decreases back fatigue. Greater comfort translates into increased productivity and wellness. Interlocking and beveled edge design allows flexibility to form any length.

Black in Color



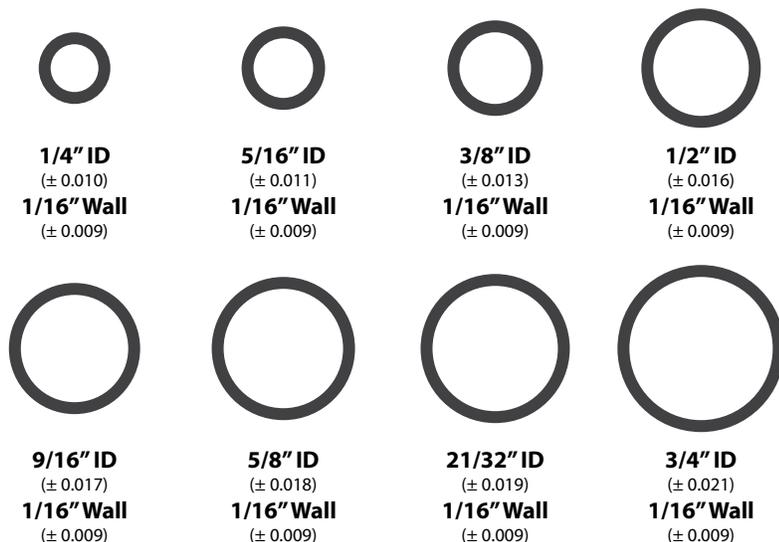
60 Durometer Neoprene Tubing

WARCO BILTRITE's 60 Durometer Neoprene Tubing is Anti-Fungal per Mil-Std-8.10 and is designed to meet the Mil-R-6855 Class 2 specification. Compression Set = 50% max. Material is supplied unmarked. For markings, please contact us.

Color: Black Stock-Item Purchase Minimum: 10 Feet Non-Stock Purchase Minimum: Please call for quote

Durometer Hardness Shore A ± 5	Inner Diameter Range inches	Wall Thickness Range inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Specifications
60 060E0713	1/16 thru 5	1/32 thru 1	1500	300	-50°F to +220°F	Anti-Fungal Per Mil-Std-8.10, ASTM G21, Mil-Std-454 Req 4, Mil-R-6855 Class 2 Type A/B Grade 60

The following sizes are stock items:



1/16" (± 0.009) Wall Thickness		Durometer Hardness (Shore A ± 5)
Inner Diameter (inches)	60 Duro 060E0713	
	1/4" (± 0.010)	\$0.75 31265091
	5/16" (± 0.011)	\$0.90 31267792
	3/8" (± 0.013)	\$0.97 31267793
	1/2" (± 0.016)	\$1.28 31265092
	9/16" (± 0.017)	\$1.45 31265093
	5/8" (± 0.018)	\$1.63 31265094
	21/32" (± 0.019)	\$1.76 31267794
3/4" (± 0.021)	\$2.16 31265095	

Prices are per foot (\$/ft). \$10.00 Min.
▶ Regularly Stocked Items.

Please contact us for stencilling, other dimensions, profiles or polymers and for orders over \$500.00
Call 714-532-3355 or email sales@warco.com

Neoprene Cable Jacket Tubing to Mil-R-6855 Class 2 Type A/B Grade 60

Protects wires and cables from abrasion, corrosion and the elements. Designed to fit loose or be blown on to wire bundles for a tight fit. WARCO BILTRITE carries compound in stock for a shorter production lead time.

Color: Black Purchase Minimum: \$500.00 per line item

Durometer Hardness Shore A ± 5	Inner Diameter Range inches	Wall Thickness Range inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Specifications
60 060E0055	1/16 thru 5	1/32 thru 1	1500	300	-50°F to +220°F	Mil-R-6855 Class 2 Type A/B Grade 60

Catalog Pricing is available on the following pages for the Wall Thicknesses below:



Utility Tarp Straps



Single piece molded construction ensures exceptional strength and stretch resiliency. The special EPDM compound used in the construction of **WARCO BILTRITE Utility Straps** is suited for high oxidation and weather resistance without cracking. An assortment of lengths including 6 in, 10 in, 15 in, 15 in, 21 in, 31 in are available.

Rubber Waterstop

Rubber Waterstop has been used extensively on projects throughout the United States and the world. Beginning with projects designed to meet the U.S. Army Corps. of Engineers' and the U.S. Bureau of Reclamation's specifications, Rubber

Waterstop usage has expanded to all types of concrete structures for the purpose of keeping liquids in or out. SBR Rubber is used primarily for water containment, while Neoprene Rubber is used generally for projects involving sewage, water treatment, and chemical environments. Waterstops are also available in other polymers such as EPDM, Nitrile, Silicone, and Natural Rubber. WARCO BILTRITE maintain Waterstop compounds that meet the U.S. Army Corps of Engineers' CRD-C-513-71 specification and Caltrans 51-2.04 specification. Other compounds can be provided to meet other national and international specifications in accordance with project requirements. Non-specification commercial grade Rubber Waterstop is also available. Please contact us for details.

Physical Properties Chart of Various Polymers

	ASTM Test Methods	SBR (Styrene Butadien)	Natural Rubber	High Tensile Neoprene*
Tensile Strength PSI (min)	D412	3000	3500	2500
Tensile Strength @ 300% Modulus (PSI min)	D412	1150	1450	1150
Ultimate Elongation, (% min)	D412	450	500	450
Durometer, Shore A (+/- 5)	D2240	65	65	65
Water Absorption, 2 Days at 70C % Weight Change (% max)	D471	5	5	5
Compression Set, 22 hrs. @ 70C % of original deflection (max)	D395 (Method B)	30	30	40
Accelerated Aging, 96 hrs. @70C % of Tensile Strength before aging (min)	D573	80	80	80
% of Elongation before aging (min)	D573	80	80	80
Ozone Resistance, 7 Days at 50 PPHM @ 38C, 20 % Elongation	D1149	no cracks	no cracks	no cracks

*Provides Maximum Resistance to Ozone, Sewage, Oil, and Solvents

Caltrans Strip Waterstop

Finish: Smooth Color: Black

Durometer Hardness Shore A ± 5	Thickness inches	Width inches	Tensile min. psi	Ultimate Elongation min. %	Temperature Range	Estimated Weight Per Foot (1/8" x 36")	Specifications
55 055E0507	1/8 thru 1/2	36, 48	2000	300	-40°F to +220°F	2.56 lb	Caltrans 51-2.04 Waterstops

Waterstop Extruded Profile Chart

The profiles below are normally provided in SBR and Neoprene compounds as required. Waterstop is usually provided in 50 ft. lengths, but can be manufactured in longer and shorter lengths to minimize field splicing. Special profiles and compounds can be provided to meet specific project requirements. **WARCO BILTRITE** Rubber Waterstop is also available in non-spec commercial grade.

Profiles	Normal Size (Width x Thickness x Bulb O.D.)	Polymer	Weight Per 100 Feet
	Dumbbell Type 6" x 3/8" x 3/4" end bulbs 152.4mm x 9.5mm x 19mm end bulbs	Neoprene	160 lb
		SBR	130 lb
	Dumbbell Type 9" x 3/8" x 3/4" end bulbs 228.6mm x 9.5mm x 19mm end bulbs	Neoprene	230 lb
		SBR	190 lb
	Center Bulb Type 6" x 1/4" x 5/8" end bulbs (1 1/2" center bulb) 152.4mm x 6.3mm x 15.9mm end bulbs (38.1mm center bulb)	Neoprene	125 lb
		SBR	105 lb
	Center Bulb Type 9" x 3/8" x 1" end bulbs (3" center bulb) 228.6mm x 9.5mm x 25.4mm end bulbs (76.2mm center bulb)	Neoprene	300 lb
		SBR	250 lb

Waterstop Molded Intersections

Utilize the Molded Waterstop Intersections below in conjunction with WARCO BILTRITE's Extruded Waterstop profiles above to create custom systems that fit a multitude of applications.

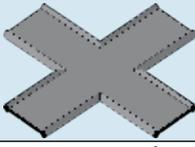
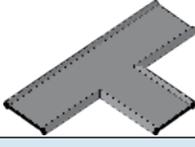
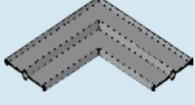
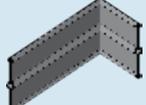
TYPE				
	6"	9"	6"	9"
Union 	C 6" DBU	C 9" DBU	C 6" DBCBU	C 9" DBCBU
Flat Cross 	C 6" DBFC	C 9" DBFC	C 6" DBCBFC	C 9" DBCBFC
Flat Tee 	C 6" DBFT	C 9" DBFT	C 6" DBCBFT	C 9" DBCBFT
Flat Ell 	C 6" DBFE	C 9" DBFE	C 6" DBCBFE	C 9" DBCBFE
Vertical Tee 	C 6" DBVT	C 9" DBVT	C 6" DBCBVT	C 9" DBCBVT
Vertical Ell 	C 6" DBVE	C 9" DBVE	C 6" DBCBVE	C 9" DBCBVE

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