

# Neoprene

## Specifications

January 2011

- Description:** Neoprene sheet is a black colored rubber which is used where moderate oil, petroleum, ozone and weathering-resistance is needed. It is very popular due to the broad range of applications in which it may be used.
- Compound:** Blend of SBR (Styrene Butadiene Rubber) and CR (Neoprene).
- Color:** Black
- Weight:** Approximate weight per square foot: 1/8" weighs 1-1/4 lbs.
- Durometer:** 55-65
- Temperature Range:** -20 F to 212 F
- Minimum Tensile:** 725 PSI or 5 MPA
- Finish:** Smooth
- Minimum Elongation:** 300%
- Gauges:** 1/16", 1/8", 3/16", 1/4", 3/8", 1/2", 3/4", 1", 1.5", 2" (custom gauges up to 2" thick are available upon request)
- Widths:** 36" and 48" (custom widths up to 78" are available upon request)
- PSA:** CCT TF-1574 series pressure sensitive adhesive
- Roll Length:** 25' or 50' (depending on thickness)
- Chemical Resistance:** Excellent resistance to Hydrogen Gas, Natural Gas, Salt/Sea Water, Butanol (primary), Acetic Acids (up to 20%), Ammonium Salts, Mineral Oils, Silicone Oils and Greases, and many more. Moderate oil, petroleum-based solvents and ozone resistance. For Neoprene's compatibility with your specific medium please consult a Rubber-Cal representative.
- Applications:** Sound Studios, Construction Sites, Industrial Gasketing, Underlayment, Chemical Resistant Applications, Laboratory Equipment Protection, Marine, Pet Care Flooring.
- Flexibility:** This medium durometer (55-65) sheet rubber offers moderate pliability and elasticity.
- Custom Cuts:** In addition to hand fabrication, this product can be fabricated using laser, die, and water-jet cut. Please submit your drawings for a price quote.
- Availability:** Most gauges and widths are in stock.

Thickness	Width	1.5m to 7.3m or 5' min. to 24'	7.6m to 30.2m or 25' to 99'	30.5m to 152.1m or 100' to 499'	152.4m + or 500' +	In Stock
1/16" or 1.6mm	36" or 91.4 cm	\$3.60	\$3.00	\$2.06	\$1.71	✓
1/8" or 3.2mm	36" or 91.4 cm	\$7.19	\$5.99	\$4.11	\$3.42	✓
3/16" or 4.8mm	36" or 91.4 cm	\$10.79	\$8.99	\$6.16	\$5.14	✓
1/4" or 6.4mm	36" or 91.4 cm	\$14.38	\$11.99	\$8.22	\$6.85	✓
3/8" or 9.5mm	36" or 91.4 cm	\$21.56	\$17.97	\$12.32	\$10.27	✓
1/2" or 12.7mm	36" or 91.4 cm	\$28.52	\$23.77	\$16.30	\$13.58	✓
3/4" or 19.1mm	36" or 91.4 cm	\$42.67	\$35.56	\$24.39	\$20.32	✓
1" or 25.4mm	36" or 91.4 cm	\$57.05	\$47.54	\$32.60	\$27.17	✓
1/16" or 1.6mm	48" or 121.9 cm	\$4.80	\$4.00	\$2.74	\$2.29	✓
1/8" or 3.2mm	48" or 121.9 cm	\$9.60	\$8.00	\$5.49	\$4.57	✓
3/16" or 4.8mm	48" or 121.9 cm	\$14.40	\$12.00	\$8.23	\$6.86	✓
1/4" or 6.4mm	48" or 121.9 cm	\$19.20	\$16.00	\$10.97	\$9.14	✓
3/8" or 9.5mm	48" or 121.9 cm	\$28.78	\$23.98	\$16.45	\$13.71	✓
1/2" or 12.7mm	48" or 121.9 cm	\$38.07	\$31.73	\$21.76	\$18.13	✓
3/4" or 19.1mm	48" or 121.9 cm	\$56.96	\$47.47	\$32.55	\$27.12	✓
1" or 25.4mm	48" or 121.9 cm	\$76.15	\$63.46	\$43.51	\$36.26	✓

All prices quoted above are per linear foot and in USD\$. Minimum order on any stocked width is 5'.