

# Neoprene Sheet Rubber

## "Style 10" Commercial Grade Neoprene

A smooth finish general purpose compound 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**

Durometer Hardness Shore ± 5	Thickness (Inches)	Width (Inches)	Tensile PSI	Ultimate Elongation Percent	Temperature Range	Estimated Weight Per Linear Foot (1/8" x 36")	Specifications
40	1/32 - 1	36, 48	800	350	-20°F to +170°F	2.5 lb	ASTM D 2000 SAE J200 1BC 408 MIL R 3065 SC 408Z*
50	1/32 - 2	36, 48 & 72	800	300	-20°F to +170°F	2.6 lb	ASTM D 2000 SAE J200 1BC 508 MIL R 3065 SC 508
60	1/32 - 2	36, 48 & 72	900	300	-20°F to +170°F	2.7 lb	ASTM D 2000 SAE J200 1BC 609 MIL R 3065 SC 609
70	1/32 - 2	36, 48 & 72	1000	200	-20°F to +170°F	2.7 lb	ASTM D 2000 SAE J200 1BC 710 MIL R 3065 SC 710
80	1/32 - 2	36, 48 & 72	1000	100	-20°F to +170°F	2.8 lb	ASTM D 2000 SAE J200 1BC 810 MIL R 3065 SC 810

\*Z = Elongation 350%

## FDA Neoprene Sheet

This off-white Neoprene material contains FDA approved ingredients per 21 CFR 177.2600, an FDA regulation dealing with rubber articles that are intended to be used in contact with food. **Finish: Smooth**

Durometer Hardness Shore ± 5	Thickness (Inches)	Width (Inches)	Tensile*	Ultimate Elongation*	Temperature Range	Estimated Weight Per Linear Foot (1/8" x 36")	Specifications
40	1/32 - 1/4	36, 48	800	550	-30°F to +220°F	2.65 lb	FDA Approved Ingredients per 21 CFR 177.2600
55	1/32 - 1/4	36, 48	1200	500	-30°F to +220°F	2.98 lb	FDA Approved Ingredients per 21 CFR 177.2600
60	1/32 - 1/4	36, 48	1400	450	-30°F to +220°F	2.98 lb	FDA Approved Ingredients per 21 CFR 177.2600

\*Physicals presented are typical values

# Neoprene Sheet Rubber

## Cloth-Inserted (CI) Neoprene Sheet

A blended Neoprene compound with one or more polyester fabric plies, for service where dimensional stability is required. Suitable for use where moderate oil resistance is required and where hot and cold water and gases are being conveyed. Fabric content per thickness is one ply for 1/32" and 1/16", two plies for 1/8", three plies for 3/16", and four plies for 1/4". **Finish: Smooth**

Durometer Hardness Shore ± 5	Thickness (Inches)	Width (Inches)	Tensile PSI	Ultimate Elongation Percent	Fabric Weight	Fabric Type	Temperature Range	Estimated Weight Per Linear Foot (1/8" x 36")	Oil Resistance	Specifications
70	1/32 - 1/4	36, 48	600	250	4.0 oz	Cotton or Polyester	-20°F to +180°F	4.0 lb	Good	ASTM D 2000 4AA 430 A13 B13 F17 G21

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

## Special PSA Ready Neoprene Sheet

Specifically designed for use with pressure sensitive adhesives (PSA). We supply the material talc-free: re-rolled in a polyethylene liner. **Finish: Matte Finish on one side**

Durometer Hardness Shore ± 5	Thickness (Inches)	Width (Inches)	Tensile* PSI	Ultimate Elongation* Percent	Temperature Range	Estimated Weight Per Linear Foot (1/8" x 36")	Specifications
40	1/32 - 1/4	36, 48	900	400	-30°F to +200°F	2.3 lb	ASTM D 2000 SAE J200 1BC 408 MIL-R-3065 SC 408
50	1/32 - 1/4	36	1100	350	-30°F to +200°F	2.6 lb	ASTM D 200 SAE J200 1BC 510 MIL-R-3065 SC 510
60	1/32 - 1/4	36, 72	1200	350	-30°F to +200°F	2.7 lb	ASTM D 2000 SAE J200 1BC 610 MIL-R-3065 SC 610
70	1/32 - 1/4	36	1200	250	-30°F to +200°F	2.7 lb	ASTM D 200 SAE J200 1BC 710 MIL-R-3065 SC 710
80	1/32 - 1/4	36	1200	150	-30°F to +200°F	2.8 lb	ASTM D 2000 SAE J200 1BC 810 MIL-R-3065 SC 810

\*Physicals presented are typical values