

**Item Name:** Chloroprene Rubber Sheet (Neoprene)

**Item Description:** Neoprene Sheets Suitable for Various Applications

**Chloroprene Rubber commonly known as “Neoprene”** is manufactured using the synthetic polymer chloroprene or chloro-butadiene. It is an extremely versatile synthetic rubber with proven performance. It has the **balanced combination of properties that makes it the best multi-functional rubber sheet.**

It has **great mechanical and good abrasion properties.** It is resistant to heat, ozone and weathering and has good adhesion to metal. It has an **operating temperature range of -30°C to +130°C.** It offers good resistance to inorganic hydrocarbons. It can be **specially compounded to achieve flame/fire retardance.** Various grades of neoprene sheets are available depending upon end use/application.

**Application/Use:**

- Rubber Laminated Bearings
- Tank & Pipe Rubber Lining
- Fire/flame Retardant Use
- Seals and Joints
- Various Types of Gasket
- Support System in Construction Industry for Long Term Extreme Weather Conditions
- Rubber Pads



**Smooth Finish**



**Fabric Finish**

Chloroprene Rubber Sheets - Commercial (30%) & Standard Grade S1 (50%)							
Product Code	Specific Gravity (gm/cm <sup>3</sup> )	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm <sup>2</sup> )	Elongation at Break (min. %)	Oil Swell in ASTM Oil No. 903 (%)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
NE 16070C	1.60	70	25	175	---	---	-25 to +90
NE 16060C	1.60	60	25	175	---	---	-25 to +90
NE 16050C	1.60	50	25	200	---	---	-25 to +90
NE 16070S1	1.50	70	60	250	90	50	-30 to +100
NE 15060S1	1.50	60	60	250	90	50	-30 to +100
NE 15050S1	1.50	50	60	275	90	50	-30 to +100

C - Commercial Grade (30% Neoprene) | S1 - Standard Grade (50% Neoprene)

Chloroprene Rubber Sheets - Standard Grade S2 (80%) & Pure Grade (100%)							
Product Code	Specific Gravity (gm/cm <sup>3</sup> )	Hardness (+/- 5° Shore A)	Tensile Strength (min. Kg/cm <sup>2</sup> )	Elongation at Break (min. %)	Oil Swell in ASTM Oil No. 903 (%)	Compression Set at 70°C for 22hrs (%)	Temp. Range (°C)
NE 14070S2	1.40	70	100	275	70	45	-30 to +125
NE 14060S2	1.40	60	100	300	70	45	-30 to +125
NE 14050S2	1.40	50	100	350	70	45	-30 to +125
NE 12070P	1.20	70	150	350	55	35	-30 to +130
NE 12060P	1.20	60	150	400	55	35	-30 to +130
NE 12050P	1.20	50	150	450	55	35	-30 to +130
NE CD (Custom)	1.10 to 1.80	40 to 80	25 to 180	150 to 600	50 to 90	35 to 55	-30 to +130

S2 - Standard Grade (80% Neoprene) | P - pure/Special Grade (100% Neoprene) | CD - Custom Design

<b>Standard Sizes</b>	1) 1.2 Mtr. Wide x 10.0 Mtr. Long. 2) 1.0 Mtr. Wide x 2.0 Mtr. Long.
<b>Custom Size</b>	Max. width upto 2400mm, length upto 20M and thickness from 1mm to 100mm available on request.
<b>Standard Colour</b>	Black (Red, Blue, Off-white & other colours available on request subject to availability.)
<b>Surface Finish</b>	1) SS - Both Side Smooth (Standard) 2) SF - One Side Smooth / Other Side Fabric Finish 3) FF - both Side Fabric Finish

<b>Note</b>	1) Sheets can be supplied with fabric insertion in cotton, nylon, polyester, glass fibre etc. 2) Flame retardance grade available on request.
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<b>Minimum Ordering Information Required</b>	<ul style="list-style-type: none"> <li>• Dimension (Length x Width x Thickness)</li> <li>• Application/End Use</li> <li>• Working Temperature in °C</li> <li>• Tensile Strength &amp; Elongation at Break</li> <li>• Hardness</li> <li>• Specific Gravity</li> <li>• Grade/Purity</li> <li>• Oil Swell</li> <li>• Colour</li> <li>• Surface Finish</li> <li>• Fire Retardant Properties - If required</li> <li>• Total Quantity Required</li> </ul>
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The data on this page represent typical values. Since application variables are a major factor in product performance, this information should serve only as a guideline. We assume no obligation or liability for use of this information. Unless we agree otherwise in writing, we make no warranties, express or implied, and disclaim all implied warranties. We shall not be liable for any special, incidental or consequential damages. We reserve the right to change product design and properties without notice.