

Neoprene Rubber is a versatile and economical grade of general purpose rubber able to perform in a range of sealing, lining and gasket applications. It has the formal designation Chloroprene (CR) and is black in colour.

Neoprene Rubber has good compatibility with oils and fuels as well as good weathering, heat and fire resistance. It is also a highly flexible rubber that is easy to work with and maintains this flexibility across a long performance life.

Since other types are available, it should be noted that this information relates to our standard grade of Neoprene Rubber (both sheet and cut strip).



[View Neoprene Rubber Sheet](#)

[View Neoprene Rubber Strip](#)

### Applications

- Seals and Gaskets for Water Pipes
- Oil Seals and Gaskets
- Marine Gaskets
- Skirts
- Lining
- Sealing Strips
- Sealing Refrigeration Units
- Rubber Curtains
- Floor Matting
- Bumpers and Protective Linings
- Pads and Strips
- Wipers and Packers
- General Sheeting Applications
- Drain and Roof Sealing

### Technical Details

Property	Value
Colour	Black
Polymer	CR/SBR
Hardness (Durometer)	60 (±5) Shore A
Temperature Range	-20°C to 100°C
Specific Gravity	1.49 g/cm <sup>3</sup>
Tensile Strength	5.9 MPa
Elongation at Break	300%
Tear Strength	12 N / mm
Compression Set 22 Hours @ 70°C	35%
Heat Aging In Ventilated Oven 70 Hours @ 70°C (ASTM D573)	
Hardness Increase	5 Shore A
Tensile Increase	-15%
Elongation Increase	-40%

ASTM D573

#### Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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## Chemical and Environmental Resistance

Factor	Resistance
Weathering and Ozone	Good
Abrasion	Fair
Diluted Acids and Oils	Average
Concentrated Acids and Oils	Poor
Hydrocarbons	Poor
Organic Solvents	Poor
Oil and Petroleum Products	Fair

## Available Sizes, Forms and Styles

Neoprene Rubber is available in log rolls, by the metre and in a variety of other forms. The below information highlights some of the more commonly requested sizes with a lot more information on the full range of sizes available on our website.

### Standard Thicknesses

- 0.8mm
- 1.5mm
- 3mm
- 4.5mm
- 6mm
- 9.5mm
- 12mm

All rolls are 1200mm (1.2 Metres) Wide and 10 Metres Long as standard. Additional, special widths and lengths may be available if your application demands it.

### Neoprene Rubber Strip Sizes

Swift Supplies are happy to offer Neoprene Rubber strips in a variety of widths. All standard sizes are available by the metre. In addition to the standard sizes listed here, we can also provide custom widths when they are required.

- 25mm
- 35mm
- 40mm
- 50mm
- 75mm
- 100mm
- 150mm
- 200mm
- 250mm
- 300mm
- 350mm
- 400mm
- 500mm
- 600mm
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Please note that not all thicknesses are available in each strip width. More details are available online.

### Pieces, Custom Sizes and Special Requests

We're always happy to help with special requirements. If the size you require for your project isn't listed here please do reach out to us. We'll do our very best to help in any way we can.

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