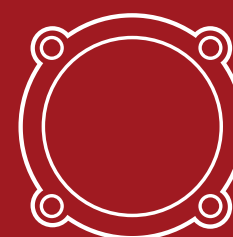




A QUICK GUIDE TO
NEOPRENE
GASKET MATERIALS

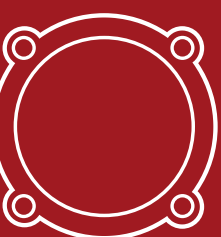


A VERSATILE

ALL-ROUNDER

Neoprene (CR - Chloroprene Rubber) is widely used where moderate resistance to oils, weathering, ozone and water is required.

It offers an excellent balance of mechanical strength, flexibility and environmental durability, making it a dependable choice across engineering, marine and industrial applications.



NEOPRENE PROPERTIES AT A GLANCE

PROPERTY

PERFORMANCE*

Temperature Range -35°C to +100°C

Weather & Ozone
Resistance

Excellent

Water Resistance

Excellent

Oil Resistance

Moderate

Fuel Resistance

Moderate

Flame Resistance

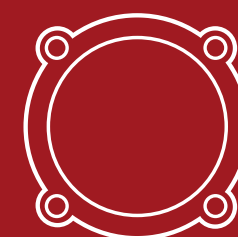
Good

Abrasion Resistance

Good

Compression Set

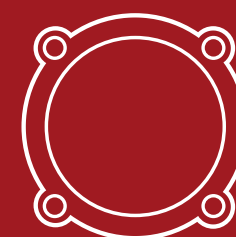
Good



WHERE NEOPRENE PERFORMS BEST

Neoprene is commonly specified for:

- ▶ Outdoor equipment & enclosures
- ▶ Marine sealing applications
- ▶ HVAC systems
- ▶ Water handling equipment
- ▶ Industrial machinery
- ▶ Lighting & electrical enclosures
- ▶ Vibration isolation pads
- ▶ General-purpose flange gaskets



CHEMICAL COMPATIBILITY



EXCELLENT

- ▶ Water
- ▶ Seawater
- ▶ Mild acids
- ▶ Mild alkalis
- ▶ Refrigerants
- ▶ Ozone

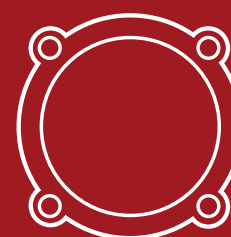
SUITABLE

- ▶ Mineral oils
- ▶ Greases
- ▶ Hydraulic fluids

UNSUITABLE

- ▶ Hydrocarbons
- ▶ Strong acids
- ▶ Solvents

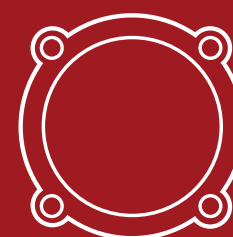
**dobson
gaskets:**



A BALANCED ENGINEERING MATERIAL

Neoprene is often specified by engineers because it provides:

- ▶ Excellent outdoor durability
- ▶ Reliable sealing under moderate pressure
- ▶ Good ageing characteristics
- ▶ Resistance to cracking caused by ozone and UV exposure
- ▶ Better weather resistance than natural rubber
- ▶ Cost-effective performance across a wide range of industries





**dobson
gaskets:**

MORE THAN JUST A GASKET SUPPLIER

Dobson Gaskets works with engineers to specify the appropriate material, hardness and gasket design before manufacturing precision-cut Neoprene gaskets and seals.

TALK TO OUR TEAM

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