



# Redco™ Neo™ CCI60

## TECHNICAL DATA SHEET

Redco™ Neo™ CCI60 is a commercial grade of Redco™ Neoprene™ Rubber reinforced with a cotton fabric insert. Possessing the wide range of physical properties and good weatherability of Redco™ Neoprene™ rubber, the inserted cotton fabric layer improves service life in applications where cutting and tearing is a concern. Redco™ Neo™ CCI60 is generally used where stresses are static in nature. For more dynamic stress conditions, consider Redco™ Neo™ PNI70.

**COLOUR:** Black  
**DUROMETER:** 60A  
**DESIGNATION:** CR, Neoprene™  
 (PolyChloroprene Rubber)  
**SHAPES:** Sheet, strips  
**SIZES:** 1/16" through 1/4" thick

### KEY APPLICATIONS:

- Where cut and tear failure compromises non-reinforced commercial grade Neoprene™
- Weatherstripping
- Seal strips & caulking material
- Curtains, skirts, boots, & aprons
- Gaskets & grommets
- Washers for electrical applications

### CORE ADVANTAGES:

- Good resistance to tear initiation & propagation, abrasion & flex cracking.
- Good resistance to temperature, ozone and natural aging.

### LIMITATIONS:

- Does not resist majority of organic compounds including aromatic and oxygenated solvents.
- Important to check product specifications to ensure material desired is the material supplied as there are a wide range of Neoprene™ grades.



**Weather  
Resistant**



**Cut & Tear  
Resistant**



**Chemical  
Resistant**

# Redco™ Neo™ CCI60 Technical Data

Characteristic	Values
Color	Black
Specific Gravity	1.5g/cm <sup>3</sup>
Hardness	60 +/- 5 Shore A
Tensile Strength	620 psi
Elongation	300%
Surface	Smooth Finish
Working Temperature	-30°C to 80°C (-22°F to 176°F)

## Chemical Resistance

Compound	Result
Acid	Good
Alkali	Good
Oil	Poor
Weather	Good
Ozone	Good

**ASK US** about our custom cutting, stamping and fabricating services. All sheet rubber products are available in many formats, including:

- ▶ Full rolls
- ▶ Sheets
- ▶ Cut- to-size
- ▶ Blocks
- ▶ Custom-fabricated
- ▶ Die-cut

Redwood Plastics and Rubber offers a quick-ship process for in-stock sheet orders in as little as 24 hours if required.

