



Redco™ Neo CG

TECHNICAL DATA SHEET

Redco™ Neo CG is a polychloroprene blend with good aging and resistance to abrasion and flex cracking. Formulated as an excellent general industrial material vs. cost, it is our most popular industrial grade.

Polychloroprene (most commonly recognized by the tradename Neoprene™) offers the most balanced set of properties and is one of the most commonly used rubber materials. It is critical to confirm product specifications as there are a wide range of Neoprene™ grades available.

CORE ADVANTAGES

- ▶ Good resilience
- ▶ Resistance to abrasion & flex cracking
- ▶ Very good resistance to temperature, ozone and natural aging
- ▶ Flame retardant
- ▶ Good adhesion to metals and fabrics when properly applied
- ▶ Good resistance to alkalis & acids

LIMITATIONS

- ▶ Does not resist majority of organic compounds including aromatic and oxygenated solvents

SHAPES: Sheet, strips, profiles, cut-to-size

SIZES: 1/16" through 1" thick

COLOR: Black

DUROMETER: 40A, 60A, 80A



Weather Resistant



UV Resistant



Strong



Fire Resistant



Ozone Resistance



Redco™ Neo CG

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NEO CG40

Property	Specification	Unit	Typical Value
Durometer (Hardness)	ASTM D 2240	Shore A	40 +/-5
Tensile Strength	ASTM D 412	PSI	620
Ultimate Elongation	ASTM D 412	%	300
Operation Temperature		°C (°F)	-30°C to +80°C (-22°F to +176°F)

Compound	Resistance Result
Diluted Alkali	Good
Diluted Acid	Good
Oil	Poor
Water	Good

NEO CG60

Property	Specification	Unit	Typical Value
Durometer (Hardness)	ASTM D 2240	Shore A	60 +/-5
Tensile Strength	ASTM D 412	PSI	620
Ultimate Elongation	ASTM D 412	%	300
Operation Temperature		°C (°F)	-30°C to +80°C (-22°F to +176°F)

Compound	Resistance Result
Diluted Alkali	Good
Diluted Acid	Good
Oil	Poor
Water	Good

NEO CG80

Property	Specification	Unit	Typical Value
Durometer (Hardness)	ASTM D 2240	Shore A	80 +/-5
Tensile Strength	ASTM D 412	PSI	620
Ultimate Elongation	ASTM D 412	%	300
Operation Temperature		°C (°F)	-30°C to +90°C (-22°F to +176°F)

Compound	Resistance Result
Diluted Alkali	Good
Diluted Acid	Good
Oil	Poor
Water	Good