



LIFT TRUCK CLAMP-PADS

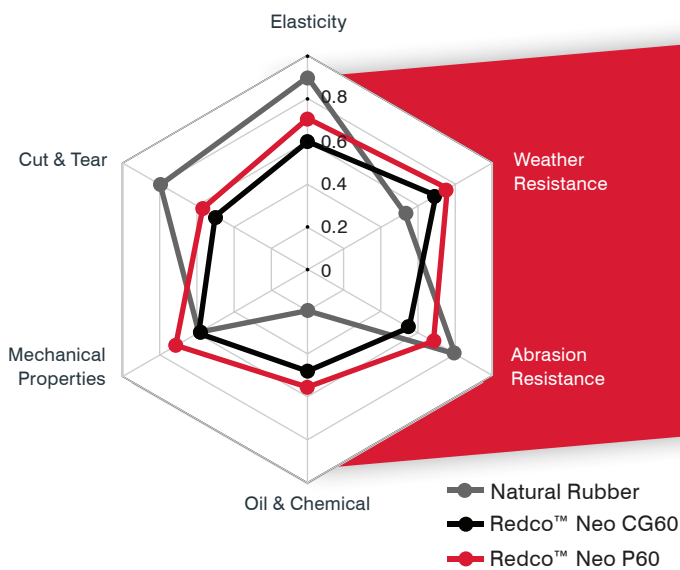


Redco™ Neo P60

TECHNICAL DATA SHEET

This is a premium ASTM Spec Grade Chloroprene for demanding engineered applications requiring the balanced properties of a polychloroprene rubber. Polychloroprene (most commonly recognized by the trade-name Neoprene™) is one of the most commonly used rubber materials. It offers the most balanced set of properties and the addition of the chlorine atom in its matrix enhances its ability to resist oils.

COLOUR: BLACK
DUROMETER: 60A
DESIGNATION: CR, (Chloroprene Rubber)
SHAPES: Sheet, strips
SIZES: 1/16" through 1" thick



- ▶ Where mild oil resistance and weathering properties are desired
- ▶ Gaskets & washers
- ▶ Seals
- ▶ Wear pads
- ▶ Mechanical parts

CORE ADVANTAGES:

- ▶ Superior mechanical properties including excellent resilience & resistance to abrasion & flex cracking
- ▶ Very good resistance to temperature, ozone and natural aging
- ▶ Flame Retardant
- ▶ Resistant to inorganic chemicals & aliphatic hydrocarbons (paraffins, vegetable oils, animal fats)
- ▶ Excellent adhesion, resistant to alkalis/acids

LIMITATIONS:

- ▶ Does not resist majority of organic compounds including aromatic and oxygenated solvents
- ▶ Critical to check product specifications to ensure material desired is material supplied as there are a wide range of grades in Neoprene™
- ▶ Reduced performance at low temperatures, below -15°C

- Weather Resistant
- UV Resistant
- Strong
- Impact Resistant
- Fire Resistant
- Oil Resistant
- Ozone Resistant

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PREMIUM GRADE NEOPRENE™ RUBBER



PROPERTY	SPECIFICATION	UNIT	TYPICAL VALUE
Density	ASTM D 792	g/cm ³	1.37
Durometer (Hardness)	ASTM D 2240	Shore A	60 +/- 5
Tensile Strength	ASTM D 412	PSI	900 min.
Ultimate Elongation	ASTM D 412	%	300 min,
Temperature Range		°C (°F)	-29°C to +88°C (-20°F to +190°F)
Tear Strength	ASTM D 624	lbs/in	80
Compression Set 22 hr @ +100°C	ASTM D 395, Method B	%	
Ozone Resistance 70 hrs @ 50 PPHM @ +40°C	ASTM D 1171		No Cracking
Temperature Aging 70 hrs @ +100°C		ASTM D 573	
Durometer (Hardness)		Δ D Shore "A"	+/- 15
Tensile Strength		%Δ	-15% max.
Elongation		%Δ	-40% max.
Oil Aging (#3) 70 hrs @ +100°C Changed		ASTM D 471	
Tensile Strength		%Δ	-60% max.
Elongation		%Δ	-50% max.
Volume		%Δ	+100% max.

Unless otherwise stated, all Redco sheet rubber is provided to standard RMA Rubber Tolerances.

CHEMICAL RESISTANCE

COMPOUND	RESULT
Acid	Good
Alkali	Good
Gas & Oil	Good
Aromatic Hydrocarbons	Average
Ketones	Poor
Chlorinated Solvent	Poor
Steam	Average
Flame	Good
Oxidation	Excellent
UV	Excellent
Ozone	Excellent

ASK US about our custom cutting, stamping and fabricating services.

All sheet rubber products are available in many formats, including:

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

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