

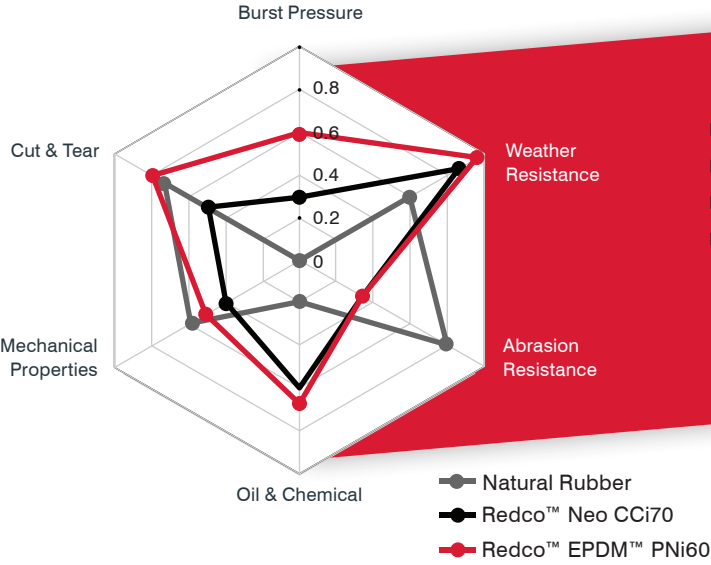


Redco™ EPDM™ PNi60

TECHNICAL DATA SHEET

Incorporating all the advantages of our Redco™ EPDM™ P60 Premium Grade, with the added advantage of a reinforcing layer of nylon textile within the matrix. For use where resistance to tear initiation and propagation is required.

COLOUR: BLACK
DUROMETER: 60A
DESIGNATION: EPDM, Ethylene Rubber, (Ethylene-Propylene Diene Monomer)
SHAPES: Sheet, strips
SIZES: 1/16" through 1/4" thick



- ▶ Weatherstripping
- ▶ Seal strips & caulking material
- ▶ Diaphragms
- ▶ Gaskets & washers for electrical applications
- ▶ Grommets
- ▶ Curtains, skirts, boots & aprons for processes and machinery

CORE ADVANTAGES:

- ▶ Excellent resistance to tear initiation and propagation
- ▶ Excellent resistance to aging, ozone, UV light, and practically unalterable by weather
- ▶ Excellent electrical properties and radiation stability
- ▶ Very good flexibility at low temperatures and good performance at high temperatures
- ▶ Resistant to corrosive chemical products and most inorganic chemicals including; dilute acids, detergents, phosphoric ethers, ketones, alcohol as well as low molecular weight glycols
- ▶ Good performance in presence of hot water & steam

- Weather Resistant
- UV Resistant
- Strong
- Ozone Resistant
- Cut & Tear Resistant

PREMIUM GRADE REINFORCED EPDM RUBBER



PROPERTY	SPECIFICATION	UNIT	TYPICAL VALUE
Durometer (Hardness)	ASTM D 2240	Shore A	60 +/- 5
Specific Gravity	ASTM D 792	g/cc	1.2
Tensile Strength	ASTM D 412	PSI	800
Ultimate Elongation	ASTM D 412	%	250 min.
Compression Set 22 hr @ +70°C	ASTM D 395, Method B	%	50
Temperature Range		°C (°F)	-45° to +121°C (-49° to +250°F)
Temperature Aging 70 hrs @ +70°C	ASTM D 573		
Durometer (Hardness)			+/- 10
Tensile Strength		Δ Shore "A"	-25% max.
Elongation		% Δ	-25% max.
Ozone Resistance 70hrs @50 PPHM @+40°C	ASTM D 1171	% Δ	No Cracking
Burst Resistance	Mullen (1-ply)	PSI	600 min.

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

CHEMICAL RESISTANCE

COMPOUND	RESULT
Acid	Poor
Alkali	Average
Gas & Oil	Good
Aromatic Hydrocarbons	Good
Ketones	Excellent
Chlorinated Solvent	Average
Steam	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
- ▶ Sheets
- ▶ Cut-to-size strips
- ▶ Blocks
- ▶ Custom-fabricated
- ▶ 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.