



INFLATABLE BOAT HULL FENDERS

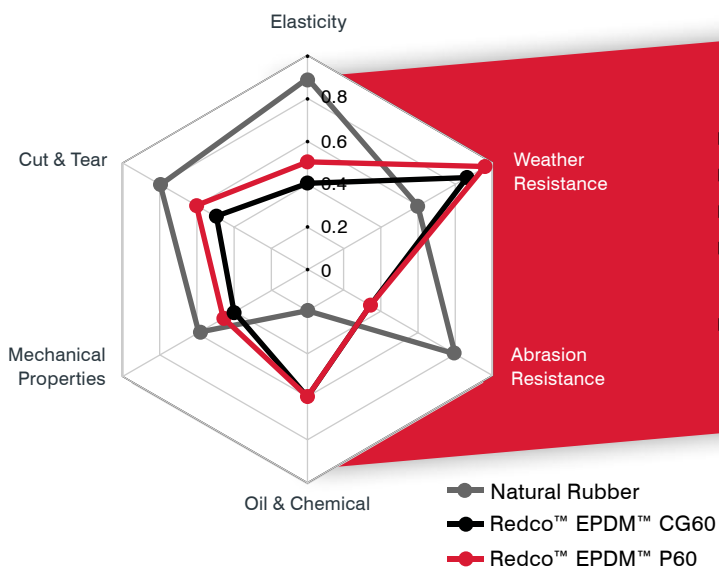


Redco™ EPDM™ P60

TECHNICAL DATA SHEET

Redwood Plastics and Rubber offers a specification grade of EPDM tested to ASTM standards for critical applications requiring weathering and UV resistance such as exterior construction projects.

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



- ▶ Weatherstripping
- ▶ Seal strips & caulking material
- ▶ Automotive parts
- ▶ Gaskets & washers for electrical applications
- ▶ Marine fenders
- ▶ Grommets
- ▶ Roll-covering for certain chemical applications
- ▶ Refrigerator door seals

CORE ADVANTAGES:

- ▶ Excellent resistance to aging, ozone, UV light, and practically unalterable by weather
- ▶ Excellent electrical properties and radiation stability
- ▶ Very good flexibility at low temperatures
- ▶ Temperature range -45°C to +120°C with formulations in continuous service up to +140°C
- ▶ 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**
- Ozone Resistant**
- Non-Conductive**
- Steam Service**
- Oil Resistant**

PREMIUM 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	%	300 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)		Δ Shore "A"	+/- 10
Tensile Strength		% Δ	+/-25% max.
Elongation		% Δ	-25% max.
Ozone Resistance 70hrs @50 PPHM @+40°C	ASTM D 1171		No Cracking

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.