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.

**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

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

**Weather Resistant**
**UV Resistant**
**Ozone Resistant**
**Non-Conductive**
**Steam Service**
**Oil Resistant**

**Weatherstripping**
**Seal strips & caulkling material**
**Automotive parts**
**Gaskets & washers for electrical applications**
**Marine fenders**
**Grommets**
**Roll-covering for certain chemical applications**
**Refridgerator door seals**
## CHEMICAL RESISTANCE

<table>
<thead>
<tr>
<th>COMPOUND</th>
<th>RESULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid</td>
<td>Poor</td>
</tr>
<tr>
<td>Alkali</td>
<td>Average</td>
</tr>
<tr>
<td>Gas &amp; Oil</td>
<td>Good</td>
</tr>
<tr>
<td>Aromatic Hydrocarbons</td>
<td>Good</td>
</tr>
<tr>
<td>Ketones</td>
<td>Excellent</td>
</tr>
<tr>
<td>Chlorinated Solvent</td>
<td>Average</td>
</tr>
<tr>
<td>Steam</td>
<td>Good</td>
</tr>
<tr>
<td>Oxidation</td>
<td>Excellent</td>
</tr>
<tr>
<td>UV</td>
<td>Excellent</td>
</tr>
<tr>
<td>Ozone</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

**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.

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**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 | | ºC (ºF) | -45º to +121ºC (-49º to +250ºF)
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 @+40ºC | ASTM D 1171 | | No Cracking

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