



[industries3r.com](http://industries3r.com)

**Danville office**

Industries 3R inc.  
55, Road 116 West  
Danville (Quebec)  
Canada J0A 1A0

Telephone: (819) 839-2793  
Fax: (819) 839-2797  
Toll-free: (800) 567-2728  
Email: [info@industries3r.com](mailto:info@industries3r.com)

**Montreal office**

Industries 3R inc.  
1479, Begin street  
Ville St-Laurent (Quebec)  
Canada H4R 1V8

Telephone: (514) 333-3971  
Fax: (514) 333-7224  
Email: [info@industries3r.com](mailto:info@industries3r.com)

## 3R830

### RUBBER

3R830 has an excellent resistance to heat, ozone and sunlight. Perfectly suitable in presence of temperature fluctuations, this rubber has a higher level of resistance to water and steam and remains very flexible at low temperatures.



## APPLICATIONS

The 3R830 is often used for boiler gasketing.

## SPECIFICATIONS

### Technical Data

Polymer	<b>Ethylene Propylene (EPDM)</b>
Specific gravity	<b>1.2 gr/cc</b>
Color	<b>Black</b>
Hardness (Shore A) (ASTM D2240)	<b>60</b>
Temperature	<b>-40°C to 121°C (-40°F to 250°F)</b>
Tensile, psi (ASTM D412)	<b>800 min.</b>
Ultimate Elongation, % (ASTM D412)	<b>300 min.</b>
Ozone Resistance (ASTM D1149)	<b>70 hrs, 50 PPHM @ 40C (104F): No craquing</b>
Compression Set (ASTM D395B)	<b>22 hrs @ 70C (158F): 50% max.</b>
Heat Aging (ASTM D573)	<b>70 hrs @ 100C (212F) - Changed: Hardness + 10 points max., Tensile: -25% max., Elongation: -25% max.</b>
Abrasion Resistance	<b>Good to Excellent</b>
Tear Resistance	<b>Fair</b>
Ozone Resistance	<b>Outstanding</b>
Impermeability to Gases	<b>Good</b>
Resistance to Dilute Acid	<b>Excellent</b>

<b>Resistance to aromatic hydro-carbons</b>	<b>Poor</b>
<b>Heat Aging</b>	<b>Excellent</b>

---

**N.B.** The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.