



INDUSTRIES 3R

Danville Office
55, route 116 Ouest
Danville (Québec) Canada
J0A 1A0

Phone: 819-839-2793
Fax: 819-839-2797
Toll-free: 800-567-2728
E-mail: info@industries3r.com

SBR

3R820

Sealing



Description

The 3R820 red rubber is made of a commercial blend of SBR (styrene-butadiene).

Applications

- Domestic and commercial plumbing
- Gaskets for air, hot and cold water and low pressure steam

Specifications

Technical Data

Polymer	Styrene-Butadiene (SBR)
Specific gravity	1.8 gr/cc
Color	Red
Hardness (Shore A) (ASTM D2240)	75 ± 5
Temperature	-29°C to 82°C (-20°F to 180°F)
Tensile, psi (ASTM D412)	600 min.
Ultimate Elongation, % (ASTM D412)	100 min.
Compression Set (ASTM D395B)	22 hrs @ 70C (158F): 50% max.

Heat Aging (ASTM D573)	70 hrs @ 70C (158F) - Changed: Hardness: +/- 15 points max., Tensile: +/- 30% max., Elongation: -50% max.
Abrasion Resistance	Good
Tear Resistance	Fair
Ozone Resistance	Poor
Impermeability to Gases	Poor
Resistance to Dilute Acid	Fair
Resistance to aromatic hydro-carbons	Poor
Heat Aging	Fair

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.