

NEOPRENE

3R815

Description

This premium quality neoprene rubber offers a moderate protection against oil, ozone and ultraviolet, and has a good impermeability to gas. It is available in three different hardness.



Applications

The 3R815 is commonly used as flange gasketing and as static joints. It is also used in applications where the material is in contact with harsh atmospheric conditions.

Specifications

Technical Data	
Polymer	CR/SBR/NBR
Specific Gravity	1.32 gr/cc
Color	Black
Hardness (Shore A) (ASTM D2240)	60
Temperature	-29°C to 88°C (-20°F to 190°F)
Tensile strength (ASTM D412)	1000psi min.
Ultimate elongation (ASTM D412)	300% min.
Compression Set	22h @ 100C (212F): 80% max.
Heat Aging (ASTM D573)	70h @ 100C (212F): Changed - Hardness: +/-15 points max., Tensile: +/- 30% max., Elongation: -50% max.
Oil Aging #3 (ASTM D471)	70h @ 100C (212F): Volume changed: 120% max.
Abrasion Resistance	Very Good

Tear Resistance	Good
Ozone Resistance	Fair
Impermeability to Gases	Good
Resistance to Dilute Acid	Good
Resistance to aromatic hydro-carbons	Fair
Heat Aging	Good
ASTM D2000	1BC610

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.