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PURE RUBBER

3R814



Description

The 3R814 is made of natural rubber and is tear and abrasion resistant. It however, has a poor resistance to ozone and aromatic hydrocarbons. This rubber is often used in areas where flexibility and abrasion resistance are required. It is FDA approved.

Applications

- Food and beverage industry
- Abrasion

Specifications

Technical Data

Polymer	Natural NR
Color	Beige
Hardness (Shore A) ± 5	40
Density	1.14 gr/cc
Temperature	-29°C to 82°C (-20°F to 180°F)
Tensile Strength (ASTM D412_	2000psi min.
Elongation (ASTM D412)	400% min.
Compression set (ASTM D395B)	70 hrs @ 70C - Changed: Hardness: 15 pts max., Tensile: +/-30% max., Elongation: -50% max.
Compression Set	Excellent

Abrasion Resistance	Excellent
Tear Resistance	Very Good
Ozone Resistance	Poor
Impermeability to Gases	Good
Resistance to Dilute Acid	Fair to Good
Resistance to aromatic hydro-carbons	Poor
Heat Aging	Fair
Certification	FDA 21 CFR 177.2600

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.