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# 3R814

## RUBBER

The 3R814 is made of an economical natural rubber and offers various application possibilities. It however, has a poor resistance to ozone and aromatic hydro-carbons.



### APPLICATIONS

This rubber is often used in areas where flexibility and abrasion resistance are required.

### SPECIFICATIONS

#### Technical Data

|   |                                       |
|---|---------------------------------------|
| <b>Polymer Type</b>                         | <b>Natural NR</b>                     |
| <b>Color</b>                                | <b>Beige</b>                          |
| <b>Hardness (Shore A) ± 5</b>               | <b>40</b>                             |
| <b>Temperature</b>                          | <b>-25°C to 80°C (-10°F to 180°F)</b> |
| <b>Tensile Strength, lbs/in<sup>2</sup></b> | <b>2000</b>                           |
| <b>Elongation minimum, %</b>                | <b>400</b>                            |
| <b>Compression Set</b>                      | <b>Excellent</b>                      |
| <b>Abrasion Resistance</b>                  | <b>Excellent</b>                      |
| <b>Tear Resistance</b>                      | <b>Very Good</b>                      |
| <b>Ozone Resistance</b>                     | <b>Poor</b>                           |
| <b>Impermeability to Gases</b>              | <b>Good</b>                           |
| <b>Resistance to Dilute Acid</b>            | <b>Fair to Good</b>                   |
| <b>Resistance to aromatic hydro-carbons</b> | <b>Poor</b>                           |
| <b>Heat Aging</b>                           | <b>Fair</b>                           |

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**N.B.** The information, details and values indicated are to the best of our knowledge. We recommend to conduct tests according to local conditions. The data is subject to some variations without notice.