

Highly Saturated Nitrile O-Rings (HSN, HNBR)

Hydrogenated Nitrile Butadiene Rubber (HNBR) has better resistance to high temperatures, superior physical properties, and improved chemical resistance over traditional nitrile compounds. It also has better resistance to ozone, sunlight, and other atmospheric conditions. Obtained by hydrogenating the nitrile copolymer, HNBR fills the gap left by NBR and FKM elastomers when high temperature conditions require high tensile strength while maintaining excellent resistance to motor oil, ATF, sour gas, amine/oil mixtures, oxidized fuels and lubricating oils. Green HSN is commonly used in refrigerant R134a applications.

Operating temperature: -40° to +300F°

- H70 HNBR 70 Duro Green - [AS-568 HNBR O-Rings \(Stock\)](#) | [Metric HNBR O-Rings \(Stock\)](#)
- H70 HNBR 70 Duro Black - [AS-568 O-Rings \(1-8 Weeks\)](#) | [Metric O-Rings \(8-10 Weeks\)](#)
- H80 HNBR 80 Duro Black - [AS-568 O-Rings \(1-8 Weeks\)](#) | [Metric O-Rings \(8-12 Weeks\)](#)
- H90 HNBR 90 Duro Black - [AS-568 O-Rings \(1-8 Weeks\)](#) | [Metric O-Rings \(8-12 Weeks\)](#)