



# Buna-N Sheet Gasket Material

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*Buna-N (Nitrile) has very good resistance to many oils and chemicals. Available in a wide range of durometers (20-95). Tensile Strength: 800 PSI. Elongation: 300%. Temperature Range: -20°F to 170°F*

*Nitrile (Buna-N) is a versatile general purpose oil resistant polymer, with good solvent, oil, water and hydraulic fluid resistance.*

## *What are the benefits and advantages to using Buna-N?*

Nitrile offers strong resistance to heat aging - a key advantage over natural rubber for the automotive and bowling industries.

## *Benefits of using Buna-N rubber:*

- Excellent solution for sealing applications
- Good compression set
- Abrasion resistance
- Tensile strength
- Resistance to heat
- Resistance to abrasion
- Resistance to water
- Resistance to gas permeability

## *Additional Properties:*

- Durometer Range (Shore A): 20-95
- Tensile Range (P.S.I): 200-3000
- Elongation (Max %): 600
- Compression Set: Good
- Resilience/ Rebound: Good

**Caution:** Nitrile should not be used in applications involving highly polar solvents such as acetone, MEK, ozone, chlorinated hydrocarbons and nitro hydrocarbons.

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