

Buna-N Gasket Material

Buna-N rubber performs well in carburetor and fuel pump diaphragms, aircraft hoses, seals and gaskets as well as oil-lined tubing. Due to its versatility and strong resistances, nitrile material is used in applications involving not only oil and fuel resistance, but those applications requiring resistance to heat, abrasion, water, and gas permeability. From oil rigs to bowling alleys, nitrile rubber can be the right material for your application.

The properties of Buna-N make it one of the best for sealing applications. It has outstanding resistance to petroleum products. It can safely seal in temperatures reaching 250°F. Its temperature resistance and other properties have made it popular in the automotive industry.

Other applications that benefit from nitrile rubbers properties which can be custom compounded and molded include:

- Oil resistant applications
- Low temperature applications
- Automotive, marine and aircraft fuel systems
- Nitrile roll covers
- Hydraulic hoses
- Nitrile tubing

Automotive Industry:

Buna-N (Nitrile) has oil resistant properties making it great to use under the hood of vehicles, such as:

- Gaskets
- Seals
- O-rings
- Carburetor and fuel pump diaphragms
- Fuel systems
- Hydraulic hoses
- Tubing

Bowling Industry:

Nitrile rubber (NBR, Buna-N) is resistant to lane oil and is typically used for

- Bowling pin setters
- Roller bumpers
- Anything that comes into direct contact with lane oil

Oil and Gas Industry:

- Seals
- Tubing
- Molded shapes
- Rubber-to-metal bonded components
- Rubber connectors