

TECHNICAL DATASHEET

Description: Low Temperature Extruded BUNA-N (Nitrile) NBR

ASTM D-2000: M2BG 714 B14 EF11 EF21 EO14 EO34 F17 Z1
70 +/-5 Durometer
Z1: ASTM D1329 TR10 -50°F

Service Temperatures: High Limit: 225° F (107° C)
Low Limit: -65° F (-54° C)
** For use in PLIDCO fittings**

Shelf Life: 5 years

Typical Applications:

- Aliphatic Hydrocarbon Process Fluids (Petroleum, Propane, Butane, Natural Gas, Mineral Oil, Fuel Oil)
- Water
- Crude Oil
- Ethylene-glycol based Fluids

Limitations:

- Aromatic Hydrocarbons (Toluene, Benzene, etc.)
- Chlorinate Hydrocarbons (Trichlorethylene and Carbon Tetrachloride)
- Strong Acids
- Amines
- Polar solvents (Ketones, Acetone, Acetic Acid, Ethylene ester)
- Low molecular Weight Carbonyls
- Brake Fluid
- Ozone
- H₂S

** Contact a PLIDCO representative for detailed chemical compatibility**

Typical Physical Properties:

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| • Shore "A" Durometer | 70 |
| • Tensile Strength (psi) (ASTM D412) | 2155 |
| • Ultimate Elongation (%) (ASTM D412) | 300 |
| • Compression Set (ASTM D395 method "B") | |
| ▪ 22 Hrs. @ 212 F (%) | 8 |