

## TECHNICAL DATASHEET

**Description:**            **Extruded BUNA-N (Nitrile) NBR**

**ASTM D-2000:**        **M2BG 714 B14 EF11 EF21 EO14 EO34 F17**

**Service Temperatures:**    **High Limit: 225° F (107° C)**

**Low Limit: -40° F (-40° 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
- H<sub>2</sub>S

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

### Typical Physical Properties:

- |  |      |
|--|------|
| • Shore "A" Durometer                    | 70   |
| • Tensile Strength (psi) (ASTM D412)     | 2216 |
| • Ultimate Elongation (%) (ASTM D412)    | 267  |
| • Compression Set (ASTM D395 method "B") |      |
| ▪ 22 Hrs. @ 212 F (%)                    | 6    |