

BUNA-N – Nitrile Rubber also known as NBR, **BUNA-N** and Acrylonitrile Butadiene Rubber. It is a synthetic rubber copolymer of Acrylonitrile (CAN) and Butadiene.

BUNA-N material will handle most food, dairy, beverage and sanitary services. It is used in the food processing industries, has excellent resistance to compression set, tear and abrasion.

It has good resistance with acid and milk alkali. Can handle most vegetable oil service. It's has a low cost and lends itself to a be a throw away consumable. Rated at -30° F to 255° F.

Colors are Black, White, and Blue. This has FDA Compliance.

Material - BUNA-N

BUNA-N Products

- Sanitary Clamp Slit ID Type I Gaskets
- Sanitary Clamp Type I Gaskets
- Sanitary Clamp Type II Flanged Gaskets
- Bevel Seat Gaskets
- Schedule 5 Sanitary Clamp Gaskets
- Schedule 5 Type II Flange Sanitary Clamp Gaskets
- Q-Line Sanitary Gaskets
- APC Gaskets
- John Perry Clamp Gaskets
- Pure White Enhanced Sanitary Gaskets
- Security Gauge Segregator™ Gaskets
- Security Perforated Plate Gaskets
- Security Screen Gaskets
- Orifice Plate Sanitary Gaskets
- Orifice Plate Sanitary Gaskets Vertical
- I-Line Sanitary Gaskets
- MDXD™ Enhanced Security Gaskets
- O-Rings Sanitary – AS568 Standard
- Security Sock Screen Gaskets

Sanitary Gasket Materials General Quick Check

Quick Check	BUNA-N
Letter Designation	U
Sanitary Gasket Color Code Dot	RED
Max Temperature	255Deg F
Max Temperature Continuous	210Deg F
Minimum Temperature	-30
Animal Derived Ingredient Free	Yes
FDA	Yes
USP Class VI	No
Come in Metal Detectable Type MDXD	Yes
Steam in Place Performance	Very Poor
Clean In Place Limited High Temperature	Poor
Acids, Dilute	Good
Alkalies	Good
Alcohol, Glycols	Excellent
Animal Oils & Fats	Excellent
Soaps, Bleaches, Detergents	Fair/Good /Ambient Temperature
Vegetable Oil	Excellent
Water	Good



Material	Color	Temperature	Compliance	ADI	Durometer
BUNA-N	Black	-30F to 255F	FDA	N/A	A70-A75
BUNA-N	White	-30F to 255F	FDA	N/A	A70-A75
BUNA-N	Blue	-30F to 255F	FDA	N/A	A70-A75