



FAIRPRENE® PRODUCT BULLETIN: B3N1

Product Code:

WFP-B3N1

[Compare to BN-5789, Nitrile coated Nylon]*



Description:

Nitrile coated nylon material suitable for use in diaphragm applications. Fairprene® B3N1 materials are manufactured from high ACN content NBR polymers for maximum life in aliphatic and aromatic hydrocarbons. B3N1 was developed for superior cold temperature flexibility and extreme duty cycles.

Typical Physical Properties:

| | | |
|--------------|-------------------------------|--------------------------------|
| Base Fabric: | Nylon | |
| Coating: | NBR (Nitrile) 50 Durometer | High ACN content ASTM D-412 |

Coated Fabric Properties:

| | | |
|-----------------|--|------------|
| Mullen Burst: | 136 psi | ASTM D-751 |
| Tensile (Grab): | 60 x 60 lbs/in | ASTM D-751 |
| Finish Gauge: | .025" ±.003" (or as otherwise specified) | |
| Finished Width: | 48" (or as otherwise specified) | |

General Polymer Characteristics:

Resistance To:

Aliphatic Hydrocarbons
 Aromatic Hydrocarbons
 Oxygenated (Ketones, etc.)
 Lacquer Solvents
 Oil & Gasoline
 Animal & Vegetable Oil
 Water Absorption
 Oxidation
 Ozone
 Sunlight
 Heat Aging
 Flame
 Heat
 Cold

NBR (Nitrile)

Excellent
 Good
 Poor
 Poor
 Excellent
 Excellent
 Good
 Excellent
 Fair
 Very Good
 Good to Excellent
 Poor
 Good
 Excellent

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