



## FAIRPRENE® PRODUCT BULLETIN: B2N2

### Product Code:

WFP-B2N2

[Compare to BN-5039\*, Nitrile coated Nylon]



### Description:

Nitrile coated nylon material suitable for use in diaphragm applications. Fairprene's B2N2 materials are manufactured from high ACN content NBR polymers for maximum life in aliphatic and aromatic hydrocarbons. U/L listed for use in compressed gas applications.

### Typical Physical Properties:

Base Fabric:	Nylon	Plain, High Burst
Coating:	NBR (Nitrile)	High ACN content

### Coated Fabric Properties:

Mullen Burst:	600 psi min.	ASTM D-751
Tensile (Grab):	301 x 301 lbs/in	ASTM D-751
Finish Gauge:	.025", .050"	ASTM D-751
Operating Temp:	-40°F to + 200°F	
Finished Width:	48"	

### General Polymer Characteristics:

Resistance To:

	<u>NBR (Nitrile)</u>
Aliphatic Hydrocarbons	Excellent
Aromatic Hydrocarbons	Good
Oxygenated (Ketones, etc.)	Poor
Lacquer Solvents	Fair
Oil & Gasoline	Excellent
Animal & Vegetable Oil	Excellent
Water Absorption	Fair to Good
Oxidation	Fair to Good
Ozone	Fair
Sunlight	Good
Heat Aging	Very Good
Flame	Poor
Heat	Good
Cold	Good

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