



FAIRPRENE® PRODUCT BULLETIN: B2N1

Product Code:

WFP-B2N1

[Compare to BN-5029, Nitrile coated Nylon]*



Description:

Nitrile coated nylon material suitable for use in diaphragm applications. Fairprene's B2N1 materials are manufactured from high ACN content NBR polymers for maximum life in aliphatic and aromatic hydrocarbons. This material offers exceptional rubber to fabric bond strength and good low temperature flexibility.

Typical Physical Properties:

Base Fabric:	Nylon	
Coating:	NBR (Nitrile) 55 Durometer (Shore A)	High ACN content ASTM D-412

Coated Fabric Properties:

Mullen Burst:	136 psi min.	ASTM D-751
Tensile (Grab):	60 x 60 lbs/in	ASTM D-751
Finish Gauge:	.014" ±.002, .017" ±.003, .020" ±.003, .030" ±.004	
Finished Width:	48"	

General Polymer Characteristics:

Resistance To:

	NBR (Nitrile)
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	Poor
Heat Aging	Very Good
Flame	Poor
Heat	Good
Cold	Good

This data is based on tests believed to be reliable and consistent with industry practices and is presented in good faith. No warranty or representation including but not limited to merchantability or of fitness for use whether expressed or implied is intended or made, nor is protection from law or patent to be inferred. All rights and patents reserved.

Fairprene is a registered trademark of Alpha Engineered Composites.

As always, made 100% in the USA...



**BN-5029 is used for reference only and may be the property of others*