



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)	High ACN content
	55 Durometer (Shore A)	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

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