



FAIRPRENE® PRODUCT BULLETIN: B5N2-PTFE

Product Code:

WFP-B5N2-PTFE

[Compare to BN-5039, Nitrile coated Nylon with PTFE laminate]*



Description:

High ACN nitrile coating on high burst nylon fabric useful in seal and diaphragm applications, as well as other general industrial purposes. Available with PTFE laminated to one side in various gauges.

Typical Physical Properties:

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

Coated Fabric Properties:

Mullen Burst:	600 psi min.	ASTM D-751
Tensile (Grab):	300 x 300 lbs/in	ASTM D-751
Finish Weight:		
Finish Gauge:	.025" ± .003", .050" ± .005" (plus PTFE film thickness up to 10 mil)	
Finished Width:	As specified to 48"	

General Polymer Characteristics:

Resistance To:

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

NBR (Nitrile)

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