



## FAIRPRENE® PRODUCT BULLETIN: E1N3



**Product Code:**

WFP-E1N3-06254

*[Compare to DN-0001\*, EPDM on Nylon]*

**Description:**

FDA Grade EPDM on heavyweight nylon base fabric. Useful in applications requiring high strength and excellent resistance to ozone and oxidation. Suitable for use as diaphragms, seals and other barrier products.

**Typical Physical Properties:**

Base Fabric:	Nylon	13 osy
Coating:	EPDM	Meets 21CFR177.2600
	55 Durometer (Shore A)	ASTM D-412

**Coated Fabric Properties:**

Mullen Burst:	1400 psi min.	ASTM D-751
Tensile (Grab):	650 x 625 lbs/in	ASTM D-751
Service Temperature:	-40°F to +250°F	
Finish Gauge:	.062" ± .006", .093" ± .009"	ASTM D-751
Finished Width:	As specified to 54"	

**General Polymer Characteristics:**

Resistance To:

	EPDM
Aliphatic Hydrocarbons	Poor
Aromatic Hydrocarbons	Poor
Oxygenated (Ketones, etc.)	Very Good
Lacquer Solvents	Good
Oil & Gasoline	Poor
Animal & Vegetable Oil	Good
Water Absorption	Good to Excellent
Oxidation	Excellent
Ozone	Excellent
Sunlight	Excellent
Heat Aging	Excellent
Flame	Poor
Heat	Excellent
Cold	Excellent
Electrical Resistance	Excellent

*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...**



*\*DN-0001 is used for reference only and may be the property of others*