



FAIRPRENE® PRODUCT BULLETIN: E3N3

Product Code:

WFP-E3N3X-07454

Description:

General purpose 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	
	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:	.074" ± .006"	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

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