



# ALPHA

high performance fabrics & composites

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## Product Bulletin

**Item Code:** ND-1625  
(\*Comparable to BN-0002, anti-wick nylon coated with nitrile)

**Description:** Nitrile (Buna-N) coated nylon for die cut diaphragm applications requiring a substrate performance that does not allow wicking or air migration through the re-enforcement. The combination of a nitrile coating and synthetic textile produces a coated fabric with excellent performance in flexible diaphragm applications.

<u>Coated Fabric Property</u>	<u>Test Method</u>	<u>Typical Results</u>
Fabric Type		Nylon
Anti-wicking Finish	Alpha Method	150 psi min
Width	ASTM D751	56" usable
Gauge	ASTM D751	.025, .035, .050 .125 (on request)
Tensile Strength (W x F)	ASTM D751	250 x 250 min
Mullen Burst	ASTM D751	450 psi min

**Coating Technology:** Nitrile – NBR, (or Buna N) polymer is preferred in applications exposed to aliphatic hydrocarbons, natural gas, certain fuels, oil & gasoline, and many animal or vegetable oil environments.

Alpha Associates warrants the aforementioned product is free from defects in material and workmanship when used as recommended. Alpha Associates will only replace the product that is shown to our satisfaction to be defective within 30 days of delivery without charge. Defects or damage resulting from use other than recommended or misuse of any kind are not covered by this Limited Liability. These recommendations are not to be construed as warranties of any kind. Since conditions of use are beyond the control of Alpha Associates, the user assumes all risks of use. Alpha Associates will not be responsible for claims beyond the purchase value of the product. No sales representative, agent or distributor is authorized to extend any guarantee or warranty beyond the above terms. All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guarantee or warranty.

\*The use of the term BN-0002 is intended as an industry reference only