



ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701
T: 732.634.5700 F: 732.634.1430 alphainc.com

FG-1443

Description: Fluoroelastomer (fluorocarbon-based synthetic polymer such as 3M™ Dyneon™, Daikin DAI-EL™ and Solvay Tecnoflon®) coated Nomex® for flat cut diaphragm type applications. The combination of a fluoroelastomer coating and high temperature textile produces a coated fabric with good temperature and chemical resistance in harsh environments.

<u>Coated Fabric Property</u>	<u>Test Method</u>	<u>Typical Results</u>
Color	Visual	Black
Width	ASTM D 751	44" usable
Thickness	ASTM D 751	.043" +/- .004"
Tensile Strength (W x F)	ASTM D 751	100 x 100 min
Mullen Burst	ASTM D 751	250 psi min
Adhesion	ASTM D 751	3 lbs min
Durometer (Rubber Only)	ASTM D 2240	75 (+/- 5) Shore A

DATA SHEET 14249 REV. A DATE: 1/5/2017

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.

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*DAI-EL™ is a registered trademark of Daikin Industries, Ltd.

*Tecnoflon® is a registered trademark of Solvay S.A.

*Nomex® is a registered trademark of E.I. du Pont de Nemours and Company.