



ALPHA

engineered composites

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FG-0110

(*comparable to VG-0001 .010")

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

<u>Coated Fabric Property</u>	<u>Test Method</u>	<u>Typical Results</u>
Color	Visual	Black
Width	ASTM D 751	36" usable
Thickness	ASTM D 751	.0105" (+/- .0015")
Tensile Strength (W x F)	ASTM D 751	60 x 60 min
Mullen Burst	ASTM D 751	200 psi min
Adhesion	ASTM D 751	4 lbs min
Durometer (Rubber Only)	ASTM D 2240	75 (+/- 5) Shore A

DATA SHEET 14254 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.

*VG-0001 is an item code used by others in the rubber industry.

*3M™ and Dyneon™ are registered trademarks of The 3M Company.

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

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