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Product Bulletin

Item: Fluoroseal AFLS (AFLAS® Sheet Material)

Description: AFLAS® is a trade name for a fluoroelastomer polymer offering unique chemical resistance characteristics. Alpha Associates AFLAS® sheet material is recommended for fabrication into gaskets, seals, packings, washers, pads, shims, curtains, joints and other parts for use in severe operating conditions.

<u>Physical Properties</u>	<u>Test Method</u>	<u>Typical Results</u>
Polymer		TFE/P (100S)
Hardness Durometer (Shore A)	ASTM D2240	70 +/- 5
Gauge (inches)	ASTM D751	.031, .062, .125
Color	Visual	Black
Width (inches)	ASTM D751	36"
Tensile Strength	ASTM D412	2500 psi
Elongation	ASTM D412	200%
Specific Gravity	ASTM D792	1.6

About the polymer:

AFLAS® has superior resistance to strong bases in comparison with fluoroelastomers. Additionally, it has better steam resistance than fluoroelastomers offering continuous operating temperatures up to 230°C. AFLAS® has similar chemical resistance to perfluoroelastomers; yet can be more cost effective in some cases.

Alpha's AFLAS® based sheet goods are currently available on a made-to-order basis. Please contact your Alpha Associates representative to learn more.

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.

*AFLAS® is a registered trademark of the Asahi Glass Co., Ltd.