



## Product Bulletin

**Item:** Fluoroseal AFLS (AFLAS® Sheet Material)

**Description:** AFLAS® is a trade name for a fluoroelastomer polymer offering unique chemical resistance characteristics. Trelleborg's 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                      | ASTM D2240         | TFE/P (100S)           |
| Hardness Durometer (Shore A) | ASTM D751          | 70 +/- 5               |
| Gauge (inches)               | Visual             | .031, .062, .125       |
| Color                        | ASTM D751          | Black                  |
| Width (inches)               | ASTM D412          | 36"                    |
| Tensile Strength             | ASTM D412          | 2500 psi               |
| Elongation                   | ASTM D792          | 200%                   |
| Specific Gravity             |                    | 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.

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

Since conditions of use are beyond the control of Trelleborg, the user assumes all risks of use. Trelleborg 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.



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