

YELLOW BAFFLE FOAM (PETROL USE)

Brand: **ATL**

Product Code: **FM-AB-001**



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ATL Reticulated (open pore) Yellow Safety Foam for use with Petrol.

Specification:

- * For in-tank use with petrol
- * Reduces fuel slosh
- * Suppresses explosion (fuel cell must be at least 80% foam-filled)
- * Sold in 28 Litre cubic foot blocks (300x300x300mm)
- * Reduces fuel cell capacity by up to 5% (3% displacement, 2% 'clingage')

Baffle foam can be supplied in custom shapes and quantities. Please contact us for further information.

Technical data:

- * Primary Uses - Petrol, Race Fuels, Oil, Kerosene, Avgas, JP Fuels
- * Colour - Yellow
- * Specification - MIL-B-83054
- * Polyol Type - Polyester
- * Density Range (lb/ft³) - 1.20 to 1.45
- * Porosity, pore size (ppi) - 8 to 18
- * Air Pressure Drop (in. of water) - 0.140 to 0.230
- * Tensile Strength (psi) Min - 15
- * Tensile Strength at 200% Elongation (psi) Min - 10
- * Ultimate Elongation (%) Min - 220
- * Tear Resistance (lb/in) Min - 5
- * Constant Deflection Compression Set (%) Max - 35

Compression Load Deflection at:

- * 25% Deflection (psi) Min - 0.3
- * 65% Deflection (psi) - 0.5
- * Fuel Displacement/ Max Vol % - 2.5
- * Fuel Retention (Max Vol %) - 2.5
- * Flammability (in/min) Max - 15
- * Extractable Materials (Wt %) Max - 3
- * Entrained Solid Contamination (mg/ft³) Max - 11
- * Typical Electrical Resistivity (OHM-CM) - 8×10^{13}