

BELLOFOAM™ 7748 CLOSED CELL FLUROSILICONE (FVM) SPONGE SHEETING

DESCRIPTION

BELLOFOAM™ 7748 from Bellofram Silicones is a lightweight, closed-cell fluorosilicone sponge material, developed to meet the SAE AMS 3323 specification. The sheets are designed for use in aircraft and aerospace industries, where gaskets are subjected to extremely harsh environments involving various chemicals, fuels, and a wide variety of temperature extremes. This material has passed all requirements for exposure to jet fuel per the ASTM D 471 Fuel B specification. Product is available in 36 square inch (914.4 square millimeter) sheets, ranging in thickness from 0.125" to 1.000" (3.175 to 25.4 mm).



Contact us at siliconesRFQ@bellofram.com to request a free product sample or quotation.

FEATURES

- Lightweight
- Resistance to temperature extremes
- Excellent gasket material
- Low closure force
- Very low compression set
- Ultraviolet ray (UV) resistant
- Ozone resistant
- Non-conductive insulating material
- Fuel resistance

MATERIAL SPECIFICATIONS

- SAE AMS 3323 CLASS 1

TYPICAL PHYSICAL PROPERTIES

Color		Light Blue
25% Compression Deflection	ASTM D-1056	2 to 9 psi
50% Compression Set (22 Hours @ +212°F/ +100°C)	ASTM D-1056	25%
Density (max.)	ASTM D-1056	0.025 lbs/in ³ MAX
Fluid Resistance	ASTM D 471 (Fuel B)	Weight change 0-50%
Temperature Resistance (continuous)		-85° to +400°F

Data noted above is based on laboratory tests and should be used as a reference only. Further information and additional specifications are available upon request. Tests, claims, representations, and descriptions regarding flammability are based on standard laboratory tests, and they may not be reliable for determining, evaluating, predicting, or describing the flammability or burning characteristics under actual fire conditions, whenever used alone or in combination with other products. Accordingly, each potential user should make an individual determination whether the flammability or burning characteristics of the product are suitable for the purpose intended by the user.