

Silicone Rubber FOAM

VS

Silicone Rubber SPONGE



Key Features	Lower density materials offer lightweight solutions. Excellent resistance to compression set Foams require lower compression force.	Increased mechanical & physical properties Wide temperature range Ideal for general industrial & military specifications Broadest application range
Cell Structure	Modified cell, Closed cell	Closed cell
Density Range lbs./ft³ (Kg/m³)	11 to 20 (176 to 320)	20 to 70 (330 to 1105)
Temperature Range C (F)	-55 to +200 (-67 to +392)	-73 to +260 (-100 to +500)
Mechanical Properties	Good sealing properties (low pressure) Decreased tear, tensile & elongation strength Excellent flame resistance Lightweight Soft/low density for low closure force excellent compression set resistance	Good sealing properties (medium pressure) Excellent tear, tensile & elongation strength Good compression set resistance Fibreglass reinforcement grade available
Products	ET80544-52 = Modified cell (1.59mm - 25.4mm) ET80560-67 = Closed cell (0.79mm - 12.7mm)	ET80507-09 = Fibreglass reinforced (1.59mm - 4.76mm) ET80510-16 = Flame retardant UL 94 HF (1.59mm - 12.7mm) ET805235-M = Compression set resistant (1.59mm - 12.7mm) ET80517M/F = General purpose (Medium & Firm) (0.79mm - 19.05mm) ET85510-13 = Fluorosilicone (0.79mm - 3.18mm) ET85000-5 = Thermally conductive (0.79mm - 6.35mm) ET80500-6 = Flame retardant UL V-0 Rated (1.59mm - 12.7mm)
Adhesive Grades	Acrylic only	Acrylic & Silicone (6Mths Shelf life - Silicone only)
Key Applications	UV resistant - indoor/outdoor seal and gaskets Transportation gaskets - Aircraft interiors Thermal insulation barriers Lightweight flame retardant sealing/gasketing	UV resistant - indoor/outdoor seal and gaskets Press Pads High temperature gaskets Moisture resistant sealing/gasketing

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