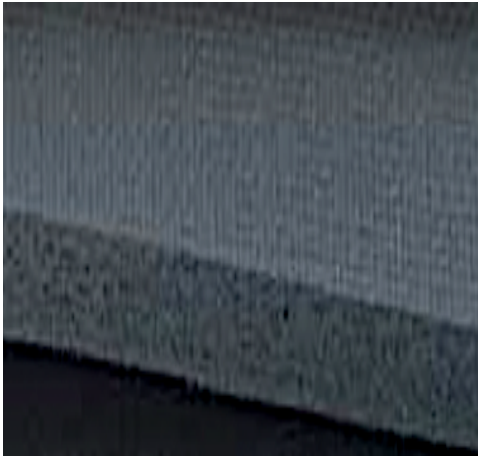


BOEING BMS 1 – 60 Type I, Grade B

Gasketing & Vibration Dampening Silicone Sponge Rubber



COHRLastic® R10460 Medium Density Silicone Sponge Rubber is closed cell and is designed for a variety of gasketing, cushioning, insulating and protecting applications, with a wide range of temperatures and environments.

It is designed for general gasketing, flame retardant cushions, solvent resistant gaskets and weather seals. Key benefits of COHRLastic® closed cell sponge include thermal stability over a wide temperature range, excellent compression set resistance, ozone and UV resistance.

The closed-cell COHRLastic® R10460 Silicone Sponge product is subjected to the most extreme flame test. When held in a vertical position and exposed to a 1,000°C flame for 12 seconds, there is no residential flame and less than 10 seconds afterglow. COHRLastic® R10460 is especially

resistant to compression set.

Strip-N-Stick® instant silicone gasket tapes SNS 220A (acrylic adhesive) is adhesive coated on COHRLastic® R10460 Silicone Sponge Rubber.

COHRLastic® R10460 Closed Cell Silicone Sponge rubber		
Properties	Value	Test Method
Colour	Dark Blue	Visual
Compression Deflection, PSI (compressed 25% at room temperature)	10	ASTM D1056
Tensile Strength, PSI	75	ASTM D412
Elongation @ Break, %	125	ASTM D412
Compression Deflection, PSI (compressed 50% for 22 hours at 100°C)	5	ASTM D1056
Density g/cm ³	3.05	ASTM D 3574
Water Absorption,%	< 5	ASTM D1056
Dielectric Strength	145 volts / 0.0254 mm	Approximately
Thermal Conductivity	0.75 BTU in./hr.ft. ² °F	Average
Specific Heat	0.3 BTU/lb/°F	-
Linear Thermal Expansion (room temperature to +350°F)	1.8 x 10 ⁴ in./in./°F	-
Outgassing after 24 hours at 125°C	< 1%	NASA Testing
Specifications: AMS 3195 • BOEING BMS 1 – 23 • BOEING BMS 1 – 60 Type I Grade B • MIL-R-46089 • MIL-R-6130 Type II Grade A, B & C • Douglas DMS 1980 Grade 2 • UL94 HBF • UL1570 • UL1571 • UL1572		

Thickness (mm)	Tolerance (mm)	Size (mm)	Remark
1.59	±0.397	914 x 914 Sheet	
2.38	±0.397	914 x 914 Sheet	Minimum Order Required
3.18	±0.794	914 x 914 Sheet	
4.76	±0.794	914 x 914 Sheet	
6.35	+1.191 to -0.794	914 x 914 Sheet	
9.53	±1.191	914 x 914 Sheet	
12.7	±1.191	914 x 914 Sheet	