



Medium Grade Silicone Foam

Medium closed cell silicone foam is ideal for shock reduction, vibration isolation, and enhanced sealing capabilities. This foam offers UL 94 V-0 flame resistance, FDA compliance for repeated use in contact with food, and has excellent aging properties.

TECHNICAL DATA SHEET | (EFFECTIVE 26FEB21)

Medium Grade Silicone Foam			
Physical Property	Test Method	Unit	Values
Cellular Structure	--	--	Closed Cell
Firmness	--	--	Medium
Density	ASTM D1056	pcf (kg/m³)	23 (370)
Compression Deflection, 25%	ASTM D1056	psi (kPa)	6 - 14 (41 - 96)
Compression Set	ASTM D1056 22 hours, 100°C	%	<1
Tensile Strength	ASTM D412	psi (kPa)	32 (220)
Elongation	ASTM D412	%	80
Water Absorption	ASTM D1056	%	0.3
Flammability	UL-94	--	V-0 rating
Flame Spread Index	ASTM E162	--	<25
Low Temperature Flexibility	ASTM D1056	°F °C	-67 -55
Working Temperature Range	--	°F °C	-67 - +392 -55 - +200
Industry Standards			
FDA Regulation 21 CFR 177.2600	Rubber articles intended for repeated use		
UL-94 V-0 and HBF HF-1	≥0.8mm thickness		
ASTM D1056-14	2D2/3		
SAE AMS3195 Rev. H	Compliant to physical property requirements		