

Name Flame Retardant Medium Silicone Sponge, AMS3195
Code 30-SIL-SPG-FLR-GRB

1. DIMENSIONS AND APPEARANCE

Thickness	in	1/16 - 1/2
Length	ft	25 - 100
Width	in	36
Surface finishing		Fabric finish, both sides
Cell structure		Closed cell
Color		Blue/Grey

2. PHYSICAL PROPERTIES, typical

Compression deflection (25%)	psi (kPa)	6-14 (41-96)	ASTM D1056
Density < 0.25" thick	pcf (kg/m ³)	43 (690) max.	ASTM D1056
Density ≥ 0.25" thick	pcf (kg/m ³)	34 (550) max.	ASTM D1056
Compression set (22h, 100°C)	%	5	ASTM D1056
Tensile strength	psi (kPa)	125 (862)	ASTM D412
Elongation	%	230	ASTM D412
Low temperature flexibility	°C (°F)	-79 (-110)	ASTM D1056
Flame resistance, UL-94 HB		Pass	UL-94 HB
Flame resistance, UL-94 HF-1		Pass	UL-94 HF-1

3. TOLERANCES

TARGET THICKNESS, in (mm)	MINIMUM, mm	MAXIMUM, mm
1/16 (1.6)	1.30	1.90
3/32 (2.4)	2.10	2.70
1/8 (3.2)	2.80	3.60
3/16 (4.8)	4.40	5.20
1/4 (6.4)	6.00	6.80
3/8 (9.5)	9.00	10.00
1/2 (12.7)	12.20	13.20