

Name **Commercial Grade Firm Silicone Sponge, AMS3196**
Code **30-SIL-SPGF**

1. DIMENSIONS AND APPEARANCE

Thickness	in	1/16 - 1/2
Length	ft	25 - 100
Width	in	36
Surface finishing		Fabric finish, both sides
Color		Red/orange, grey, black, white, *color matching available
		*Subject to MOQ

2. PHYSICAL PROPERTIES

Compression deflection (25%)	psi (kPa)	12-20 (83-138)	ASTM D1056
Density < 0.25" thick	pcf (kg/m ³)	52 (830) max.	ASTM D1056
Density ≥ 0.25" thick	pcf (kg/m ³)	43 (692) max.	ASTM D1056
Compression set (22h, 100°C)	%	60 max.	ASTM D1056
Tensile strength	psi (kPa)	100 (689) typical.	ASTM D412
Elongation	%	200 typical.	ASTM D412
Low temperature brittleness	°C (°F)	-55 (-67) max.	ASTM D746
Working temperature range	°C (°F)	-75 to 232 (-103 to 450)	

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

Length tolerance +free / -0
Width tolerance +free / -0