

**Name**      **Commercial Grade Soft Silicone Sponge**  
**Code**      **30-SIL-SPGS**

## 1. DIMENSIONS AND APPEARANCE

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

## 2. PHYSICAL PROPERTIES

Property	Unit	Limit	Typical	Test Method
Compression deflection (25%)	kPa (psi)	21-55 (3-8)	28 (4)	ASTM D1056
Density, thickness <6.4mm	kg/m <sup>3</sup> (pcf)	690 (43) max.	475 (30)	ASTM D1056
Density, thickness ≥6.4mm	kg/m <sup>3</sup> (pcf)	550 (34) max.	430 (27)	ASTM D1056
Compression set (22h, 100°C)	%	60 max.	4	ASTM D1056
Tensile strength	kPa (psi)	225 (33) min.	283 (41)	ASTM D412
Elongation	%	150 min.	259	ASTM D412
Low temperature flexibility	°C (°F)	-55 (-67)	-75 (-103)	ASTM D1056
Temperature range	°C (°F)	-73 to 233 (-99 to 451)	-75 to 235 (-103 to 455)	

## 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