

Name **Commercial Grade Silicone Sheet Rubber**  
 Code **10-SIL-SS**

### 1. DIMENSIONS AND APPEARANCE

Thickness in  $\frac{1}{32}, \frac{1}{16}, \frac{3}{32}, \frac{1}{8}, \frac{1}{4}, \frac{3}{8}, \frac{1}{2}$ , custom thicknesses available  
 Typical length ft 50 - 100  
 Typical width in 36, 48, 60, 72  
 Surface finishing Smooth finish, both sides  
 Color Red/orange, translucent, black, others available

### 2. PHYSICAL PROPERTIES, TYPICAL

Property	Unit	40 ± 5	50 ± 5	60 ± 5	70 ± 5	80 ± 5	ASTM
Hardness	Shore A	40 ± 5	50 ± 5	60 ± 5	70 ± 5	80 ± 5	ASTM D2240
Tensile strength	psi	950	1100	1100	1000	1000	ASTM D412
Elongation	%	400	350	280	200	200	ASTM D412
Tear strength (Die C)	ppi	90	100	100	100	95	ASTM D624
Specific gravity	g/cm <sup>3</sup>	1.13	1.15	1.18	1.21	1.25	
Low working temp	°F	-80	-80	-80	-80	-80	
High working temp	°F	450	450	450	450	450	

### 3. TOLERANCES

TARGET THICKNESS, in (mm)	MINIMUM, mm	MAXIMUM, mm	WIDTH TOLERANCE, in
1/16 (1.6)	1.21	1.97	-0/+1
3/32 (2.4)	2.00	2.76	-0/+1
1/8 (3.2)	2.79	3.56	-0/+1
3/16 (4.8)	3.95	5.58	-0/+1
1/4 (6.4)	5.54	7.16	-0/+1
3/8 (9.5)	8.71	10.34	-0/+1
1/2 (12.7)	11.51	13.89	-0/+1