

# Name Extra Soft Grade Silicone Foam Code 88-NS200

## 1. DIMENSIONS AND APPEARANCE

Thickness	in	$\frac{1}{16} - \frac{1}{2}$
Length	ft	16.4 – 65.6, depending on thickness
Width	in	18
Surface finishing		Smooth
Color		Grey, Black, White*, Red*
		*Subject to MOQ

## 2. PHYSICAL PROPERTIES

Compression deflection (25%) Density Compression set (22h, 100°C) Tensile strength Elongation Flammability Low temperature flexibility	psi (kPa) pcf (kg/m <sup>3</sup> ) % psi (kPa) % - °C (°F) °C (°F)	3 (20) 17 (270) < 5 22 (150) 60 V-0 & HF-1 rating -55 (-67) 55 to 200 ( 67 to 202)	ASTM D1056 ASTM D1056 ASTM D1056 ASTM D412 ASTM D412 UL-94 ASTM D1056
Working temperature range	°C (°F)	-55 to 200 (-67 to 392)	

### 3. INDUSTRY STANDARDS

FDA regulation 21 CFR 77.	2600
UL-94 V & HBF	

Rubber articles intended for repeated use  $\geq 0.8$  mm thickness

### 4. TOLERANCES

TARGET THICKNESS, in (mm)	MINIMUM, mm	MAXIMUM, mm
1/32 (0.8)	0.698	1.181
1/16 (1.6)	1.092	2.108
3/32 (2.4)	1.892	2.908
1/8 (3.2)	2.565	3.835
3/16 (4.8)	4.165	5.435
1/4 (6.4)	5.638	7.162
3/8 (9.5)	8.357	10.643
1/2 (12.7)	11.430	13.970

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

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