



Name Firm Grade Silicone
Code Foam HR140

1. DIMENSIONS AND APPEARANCE

Thickness in 1/16 - 1/2
Length ft 16.4 - 65.6, depending on thickness
Width, for 1/16 to 3/32 in thickness in 34
Width, for 1/8 to 1/2 in thickness in 18
Surface finishing Smooth
Color Grey, Black, \*White, \*Red
\*Subject to MOQ

2. PHYSICAL PROPERTIES

Compression deflection (25%) psi (kPa) 16 (110) ASTM D1056
Density pcf (kg/m3) 31 (500) ASTM D1056
Compression set (22h, 100C) % < 1 ASTM D1056
Tensile strength psi (kPa) 58 (400) ASTM D412
Elongation % 70 ASTM D412
Water absorption % 3 ASTM D1056
Flammability - V-0 & HF-1 rating UL-94
Low temperature flexibility C (F) -55 (-67) ASTM D1056
Working temperature range C (F) -55 to 200 (-67 to 392)

3. INDUSTRY STANDARDS

FDA regulation 21 CFR 77.2600 Rubber articles intended for repeated use
UL-94 V-0 >= 0.8mm thickness

4. TOLERANCES

Table with 3 columns: TARGET THICKNESS, in (mm), MINIMUM, mm, MAXIMUM, mm. Rows include thicknesses from 1/32 (0.8) to 1/2 (12.7).

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

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