



Name Extra-Firm Grade
Code Silicone Foam HR160

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) 29 (200) ASTM D1056
Density pcf (kg/m3) 34 (550) ASTM D1056
Compression set (22h, 100°C) % < 1 ASTM D1056
Tensile strength psi (kPa) 87 (600) ASTM D412
Elongation % 90 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

Hanna Rubber Company

908 West 25th Street
Kansas City, MO 64108

www.hannarubber.com 816-221-9600 sales@hannarubber.com