



Overview

SF60BU25 is Canyon's 60 shore A durometer, fungal resistant, blue Fluorosilicone.

Features & Benefits

- Fungal Resistant
- Good flexibility and compression set resistance.
- Excellent resistance to aging, weather and ultraviolet light.
- Excellent resistance to fuels, oils and other wide range of chemicals

Service Temperature

- -73°C to 177°C (-100°F to 350F)

Specification

- ASTM D 2000 M2FK606 A19 C12 EF31 E036 F19 Z1

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Blue	Blue
Hardness, Shore A	60+/-5	60
Tensile Strength, psi (MPa)	870 min	1232 (8.5)
Elongation	150% min	230%
Specific Gravity, g/cm ³		1.19
Z1 = Fungal Resistance		

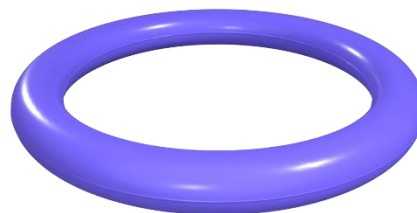


Table 2. A19 – Heat Aging – 70 hrs at 225°C

Test (Change)	Requirements	Results
Hardness, Shore A	+15 max	+4
Tensile Strength, %	-45 max	-21
Elongation, %	-45 max	-24

Table 3. C12 – Ozone – ASTM D 1171

Test (Change)	Requirements	Results
No Cracks	Pass	Pass

Table 4. EF 31 – Fuel C Resistance – 70 hrs at 23°C

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to 0	-7
Tensile Strength, %	-60 max	-32
Elongation, %	-50 max	-27
Volume, %	0 to +25	+11

Table 5. E036 – ASTM Oil #3 (903) Resistance – 70 hrs at 150°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 to 0	-4
Tensile Strength, %	-35 max	-18
Elongation, %	-30 max	-13
Volume, %	0 to +10	+3

Table 6. F19 – Low Temp Brittleness Test – 3 mins at -55°C

Test (Change)	Requirements	Results
Brittleness	Non-Brittle	Non-Brittle