



## Overview

VT75BU04 is Canyon's standard 75 shore A durometer, metal detectable, FDA compliant, blue FKM Type A. Other FKM types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP.

## Features & Benefits

- Metal detectable
- FDA compliant
- Great heat resistance & high temp stability
- Excellent chemical resistance
- Excellent resistance to weathering and aging

## Service Temperature

- -20°C to 225°C (-4°F to 437°F)

## Specification

- ASTM D2000 M2HK707 A1-10 B38 EF31 E078

## Test Data

**Table 1. Physical Properties**

| Test                        | Requirements | Results    |
|-----------------------------|--------------|------------|
| Color                       | Blue         | Blue       |
| Hardness, Shore A           | 75+/-5       | 73         |
| Tensile Strength, psi (MPa) | 1015 min     | 1160 (8.0) |
| Elongation                  | 175% min     | 240%       |



**Table 2. A1-10 - Heat Aging - 70 hrs at 250°C**

| Test (Change)       | Requirements | Results |
|---------------------|--------------|---------|
| Hardness, Shore A   | +10 max      | +2      |
| Tensile Strength, % | -25 max      | +20     |
| Elongation, %       | -25 max      | -16     |

**Table 3. B38 - Compression Set - 22 hrs at 200°C**

| Test (Change)    | Requirements | Results |
|------------------|--------------|---------|
| Permanent Set, % | 50 max       | 14      |

**Table 4. EF31 - Fuel C Resistance - 70 hrs at 23°C**

| Test (Change)       | Requirements | Results |
|---------------------|--------------|---------|
| Hardness, Shore A   | -5 to +5     | +3      |
| Tensile Strength, % | -25 max      | -10     |
| Elongation, %       | -20 max      | -5      |
| Volume, %           | 0 to +10     | +3      |

**Table 5. E078 - Fuel #101 Resistance - 70 hrs at 200°C**

| Test (Change)       | Requirements | Results |
|---------------------|--------------|---------|
| Hardness, Shore A   | -15 to +5    | -2      |
| Tensile Strength, % | -40 max      | -12     |
| Elongation, %       | -20 max      | -5      |
| Volume, %           | 0 to +25     | +10     |

VT75BU04 is now available on the Canyon Components [online store!](#)