



## Overview

VT75BK01 is Canyon's FDA Compliant, 75 shore A durometer, black FKM Type A. This is an extremely popular, cost-effective material. Other FKM types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP.

## Features & Benefits

- FDA Compliant CFR 21 177.2600
- Great heat resistance & high temp stability
- Excellent chemical resistance
- Excellent resistance to weathering and aging

## Service Temperature

- -26°C to 225°C (-15°F to 437°F)

## Specification

- ASTM D2000 M2HK810 A1-10 B37 EF31 F15

## Test Data

**Table 1. Physical Properties**

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	76
Tensile Strength, psi (MPa)	1450 min	1770 (12.2)
Elongation	150% min	155%



**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	-1
Elongation, %	-25 max	-6

**Table 3. B38 - Compression Set - 22 hrs at 175°C**

Test (Change)	Requirements	Results
Permanent Set, %	50 max	6

**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	-20
Elongation, %	-20 max	-19
Volume, %	-0 to +10	+3

**Table 5. F15 - Low Temp Brittleness Test - 3 mins at -25°C**

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

VT75BK01 is now available on the Canyon Components [online store!](#)

Looking for specific chemical compatibilities or desire more material information? [Please Contact Us!](#)