



Overview

VT75BK04 is Canyon's 3A Sanitary, 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

- 3A Sanitary 18-03 Class I, II, III, & IV
- 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 6HK720 A1-10 A1-11 B38 C20 EF31 E088 F15

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	76
Tensile Strength, psi (MPa)	2031 min	2465 (17)
Elongation	175% min	320%



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

Test (Change)	Requirements	Results
Hardness, Shore A	+10 max	0
Tensile Strength, %	-25 max	-7
Elongation, %	-25 max	-5

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

Test (Change)	Requirements	Results
Permanent Set, %	15 max	14

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

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-1
Tensile Strength, %	-25 max	-15
Elongation, %	-20 max	+2
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

VT75BK04 is now available on the Canyon Components [online store!](#)

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