



Overview

VT75BK16 is Canyon's FDA Compliant, 75 shore A durometer, black FKM Type A designed for use in food, pharmaceutical, & medical applications. It is USP VI <87> & <88>, 3A, and FDA compliant. Other FKM available: A, B, F, GF, GLT, GFLT, ULT, ETP.

Features & Benefits

- FDA Compliant CFR 21 177.2600
- USP Class VI <87> & <88>
- 3A Sanitary Compliant
- Excellent chemical resistance
- Excellent for clean-in-place & (CIP) steam-in-place (SIP)

Service Temperature

- -26°C to 225°C (-15°F to 437°F)

Specification

- ASTM D2000 M2HK710 A1-10 B38 C12 EF31 E078

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	75
Tensile Strength, psi (MPa)	1450 min	2625 (18.1)
Elongation	175% min	225%



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. Compression Set - 22 hrs at 200°C

Test (Change)	Requirements	Results
Permanent Set, %	35 max	8.5

Table 4. Compression Set - 70 hrs at 200°C

Test (Change)	Requirements	Results
Permanent Set, %	35 max	15

Table 5. EF31 - Fuel C Resistance - 70 hrs at 23°C

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-3
Tensile Strength, %	-25 max	-15
Elongation, %	-20 max	-15
Volume, %	-0 to +10	+2

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