



Overview

VT70WH15 is Canyon's USP VI, FDA Compliant, 70 shore A durometer, white FKM Type A designed for use in food, pharmaceutical, & medical applications. It is 3A, and USP Class VI & FDA compliant. Other FKM available: A, B, F, GF, GLT, GFLT, ULT, ETP.

Features & Benefits

- FDA Compliant CFR 21 177.2600
- USP Class VI Compliant
- 3A Sanitary Compliant
- Excellent Chemical Resistance
- CIP & SIP Compatible

Service Temperature

- -26°C to 225°C (-15°F to 437°F)

Specification

- ASTM D2000 M2HK710 A1-10 B37 B38 EF31 E078 E088 Z1

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	White	White
Hardness, Shore A	70+/-5	70
Tensile Strength, psi (MPa)	1450 min	1615 (11.1)
Elongation	175% min	374%



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

Test (Change)	Requirements	Results
Hardness, Shore A	+10 max	+4
Tensile Strength, %	-25 max	-3
Elongation, %	-25 max	+25

Table 3. B37 - Compression Set - 22 hrs at 175°C

Test (Change)	Requirements	Results
Permanent Set, %	50 max	24

Table 4. B38 - Compression Set - 22 hrs at 200°C

Test (Change)	Requirements	Results
Permanent Set, %	50 max	27

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

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-2
Tensile Strength, %	-25 max	-20
Elongation, %	-20 max	-6
Volume, %	0 to +10	+3

Table 6. E078 - Fuel C Resistance - 70 hrs at 23°C

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to +5	-3
Tensile Strength, %	-40 max	0
Elongation, %	-20 max	-6
Volume, %	0 to +15	+4

VT70WH15 is now available on the Canyon Components [online store!](#)