



Overview

VT70WH22 is Canyon's USP VI compliant, FDA Compliant, 70 shore A durometer, white FKM Type GF. Other FKM available: A, B, F, GF, GLT, GFLT, ULT, ETP.

Features & Benefits

- FKM Type GF (For Engine Oil, Aqueous Fluids, Steam, Mineral Acids, Aromatic Hydrocarbons, & Automotive Fuels)
- FDA Compliant CFR 21 177.2600
- USP Class VI Compliant
- 3A Sanitary Class II Compliant
- Clean Room Manufactured
- CIP & SIP Compatible

Service Temperature

- -16°C to 225°C (3°F to 437°F)

Specification

- ASTM D2000 6HK715 A1-10 A1-11 B31 B38

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	White	White
Hardness, Shore A	70+/-5	70
Tensile Strength, psi (MPa)	1450 min	2100 (14.5)
Elongation	100% min	350%



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	+15
Elongation, %	-25 max	+10

Table 3. A1-11 - Heat Aging - 70 hrs at 275°C

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +10	+2
Tensile Strength, %	-40 max	+15
Elongation, %	-20 max	+28

Table 4. B31 - Compression Set - 22 hrs at 23°C

Test (Change)	Requirements	Results
Permanent Set, %	15 max	8

Table 5. B37 - Compression Set - 22 hrs at 175°C

Test (Change)	Requirements	Results
Permanent Set, %	30 max	10

Table 6. B38 - Compression Set - 22 hrs at 200°C

Test (Change)	Requirements	Results
Permanent Set, %	15 max	13

VT70WH22 is now available on the Canyon Components [online store!](#)