



Overview

VT70WH16 is Canyon's USP VI compliant, 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 Class II Compliant
- Clean Room Manufactured
- CIP & SIP Compatible

Service Temperature

- -26°C to 225°C (-15°F to 437°F)

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	White	White
Hardness, Shore A	70+/-5	70
Tensile Strength, psi (MPa)	1100 min	2010 (13.8)
Elongation	100% min	420%

Table 2. Heat Aging – 166 hrs at 100°C

Test (Change)	Requirements	Results
Hardness, Shore A	+10 max	0
Tensile Strength, %	N/A	0
Elongation, %	N/A	-4



Table 3. Distilled Water – 22 hrs at 70°C

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-3
Weight, %	-10 to +10	+0.5
Elongation, %	N/A	-1
Volume, %	-10 to +10	+1

Table 4. Milk Fat Absorption – 22 hrs at 70°C

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-4
Weight, %	-10 to +10	+0.3
Elongation, %	N/A	-2
Volume, %	-10 to +10	+0.3

Table 5. Low Fat Absorption – 22 hrs at 70°C

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to +15	+3
Weight, %	-25 to +25	+0.3
Elongation, %	N/A	-4
Volume, %	-25 to +25	+0.6

Table 6. Nitric Acid Resistance – 22 hrs at 82°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 to +10	-5
Weight, %	-15 to +15	+1
Volume, %	-15 to +15	+2

Table 7. Alkaline Cleaner – 22 hrs at 82°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 to +10	-5
Weight, %	-10 to +10	+1
Volume, %	-10 to +10	+1