

Overview

VT65BK00 is Canyon's standard 65 shore A durometer, black FKM Type A. This is an extremely popular, cost-effective commodity material. Other FKM types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP. Compare to Parker V0769-60, V1164-75, and VA150-65.

Features & Benefits

- 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 437F)

Specification

- ASTM D2000 M2HK607 A1-10 B37 EF31 Z1 (Z1 = 65 shore A +/-5)

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	65+/-5	64
Tensile Strength, psi (MPa)	1015 min	1305 (9)
Elongation	200% min	250%



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

Test (Change)	Requirements	Results
Hardness, Shore A	+10 max	+1
Tensile Strength, %	-25 max	+3
Elongation, %	-25 max	-4

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

Test (Change)	Requirements	Results
Permanent Set, %	50 max	6

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

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-3
Tensile Strength, %	-25 max	-11
Elongation, %	-20 max	-11
Volume, %	-0 to +10	+3

VT65BK00 is now available on the Canyon Components [online store!](#)

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