



Overview

VT75BK10 is Canyon's standard 75 shore A durometer, black FKM Type B. Other FKM types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP. Compare to Parker materials.

Features & Benefits

- FKM Type B
- Great heat resistance & high temp stability
- Excellent chemical resistance
- Excellent resistance to weathering and aging

Service Temperature

- -24°C to 225°C (-11°F to 437°F)

Specification

- ASTM D2000 M2HK710 A1-10 B38 EF31 E078

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	76
Tensile Strength, psi (MPa)	1450 min	1900 (13.1)
Elongation	175% min	200%



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	+3
Elongation, %	-25 max	-5

Table 3. B38 - Compression Set - 22 hrs at 200°C

Test (Change)	Requirements	Results
Permanent Set, %	50 max	8

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

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-1
Tensile Strength, %	-25 max	-20
Elongation, %	-20 max	-12
Volume, %	-0 to +10	+3

Table 5. E078 - Fluid 101 Resistance - 70 hrs at 200°C

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to +5	-5
Tensile Strength, %	-40 max	-22
Elongation, %	-20 max	+4
Volume, %	0 to +15	+8

VT75BK10 is now available on the Canyon Components [online store!](#)