

Overview

VT90BK10 is Canyon's standard 90 shore A durometer, black FKM Type B. Other FKM types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP. Compare to Parker V0709-90 and VA153-90.

Features & Benefits

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

Service Temperature

- -24°C to 225°C (-11°F to 437°F)

Specification

- ASTM D2000 M3HK910 A1-10 B37 EF31

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	90+/-5	92
Tensile Strength, psi (MPa)	1450 min (13)	1885 (13)
Elongation	100% min	130%



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	-2
Elongation, %	-25 max	+14

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

Test (Change)	Requirements	Results
Permanent Set, %	30 max	15

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

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-2
Tensile Strength, %	-25 max	-1
Elongation, %	-20 max	+13
Volume, %	0 to +10	+3

VT90BK10 is now available on the Canyon Components [online store!](#)

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