

Overview

VT75BK08 is Canyon's PTFE internally lubricated 75 shore A durometer, black FKM Type A. This is an extremely popular, cost-effective, low friction material. Other FKM types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP. Compare to [Parker V0848-75](#).

Features & Benefits

- Internally lubricated with PTFE
- Great 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 4HK715 A1-11 B38 EF31 E078

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	74
Tensile Strength, psi (MPa)	1450 min (12)	1740 (12)
Elongation	150% min	350%



Table 2. A1-11 - Heat Aging - 70 hrs at 275°C

Test (Change)	Requirements	Results
Hardness, Shore A	+10 max	0
Tensile Strength, %	-40 max	-21
Elongation, %	-20 max	-4

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

Test (Change)	Requirements	Results
Permanent Set, %	50 max	19

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	-16
Elongation, %	-20 max	-2
Volume, %	0 to +10	+3

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

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to +5	-12
Tensile Strength, %	-40 max	-15
Elongation, %	-20 max	+1
Volume, %	0 to +15	+13

VT75BK08 is now available on the Canyon Components [online store](#)!