



Overview

VT75BK50 is Canyon's Extreme Low Temperature, 75 shore A durometer, black FKM Type XLT. Other FKM types are available: A, B, F, GF, GLT, GFLT, ULT, ETP. Compare to Parker V0835-75 and VM835-75.

Features & Benefits

- Extreme low temperature performance. Great heat resistance & high temp stability.
- Excellent chemical resistance
- Excellent resistance to weathering and aging

Service Temperature

- -48°C to 225°C (-54°F to 437°F)
- Excursions down to -60°C

Specification

- AMS 7379

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	76
Tensile Strength, psi (MPa)	1300 min	1540 (10.6)
Elongation	120% min	180%

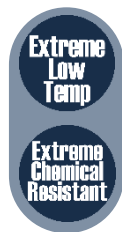


Table 2. Heat Aging – 70 hrs at 270°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 to +5	-10
Tensile Strength, %	-45 max	-24
Elongation, %	-10 max	+63
Weight, %	+10 max	-6

Table 3. Compression Set – 22 hrs at 200°C

Test (Change)	Requirements	Results
Permanent Set, %	20 max	19

Table 4. Fuel B Resistance – 70 hrs at 23°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 max	-6
Tensile Strength, %	-35 max	-13
Elongation, %	-20 max	-11
Volume, %	+1 to +10	+5

Table 5. Oil MIL-PRF-83282 Resistance – 70 hrs at 135°C

Test (Change)	Requirements	Results
Hardness, Shore A	-7 max	-2
Tensile Strength, %	-25 max	+5
Elongation, %	-15 max	+10
Volume, %	+6 max	+2

VT75BK50 is now available on the Canyon Components [online store!](#)