

Overview

VT75BK90 is Canyon's AMS 7276 (QPL listed), (superseding MIL-R-83248), 75 shore A durometer, black FKM. Other FKM types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP. Compare to Parker VM100-75, VA151-75, and VM330-75.

Features & Benefits

- AMS 7276 QPL listed (MIL-R-83248)
- 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

- AMS 7276 QPL listed (MIL-R-83248)

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	76
Tensile Strength, psi (MPa)	1400 min	2130 (14.7)
Elongation	125% min	130%



Table 2. Heat Aging – 70 hrs at 275°C

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +10	+3
Tensile Strength, %	-35 max	-8
Elongation, %	-15 max	-3

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

Test (Change)	Requirements	Results
Permanent Set, %	15 max	10

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

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	+3
Tensile Strength, %	-20 max	-7
Elongation, %	-20 max	-8
Volume, %	0 to +5	-1

Table 5. ARM 200 Resistance – 70 hrs at 200°C

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to 0	-5
Tensile Strength, %	-35 max	-12
Elongation, %	-20 max	+5
Volume, %	+1 to +25	+17

VT75BK90 is now available on the Canyon Components [online store!](#)