



Overview

VT80BK30 is Canyon's 80 shore A durometer, black FKM Type GLT with improved low temp performance. Other FKM types are available: A, B, F, GF, GLT, GFLT, ULT, ETP. Compare to Parker V0835-75, VM125-75, and VM835-75.

Features & Benefits

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

Service Temperature

- -40°C to 225°C (-40°F to 437°F)

Specification

- ASTM D2000 M2HK810 A1-10 B38 EF31

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	80+/-5	79
Tensile Strength, psi (MPa)	1450 min	2500 (17.2)
Elongation	150% 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	+6
Elongation, %	-25 max	+6

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

Test (Change)	Requirements	Results
Permanent Set, %	50 max	13

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

Test (Change)	Requirements	Results
Hardness, Shore A	-5 to +5	-2
Tensile Strength, %	-25 max	-19
Elongation, %	-20 max	-8
Volume, %	0 to +10	+3

VT80BK30 is now available on the Canyon Components [online store!](#)

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