

## Overview

VT75BK18 is Canyon's standard 75 shore A durometer, black FKM Type F. Other FKM types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP. Compare to Parker materials.

## Features & Benefits

- FKM Type F (For fuels, lubricant oils, & aromatic hydrocarbons)
- Great heat resistance & high temp stability
- Excellent chemical resistance
- Excellent resistance to weathering and aging

## Service Temperature

- -18°C to 225°C (0°F to 437°F)

## Specification

- ASTM D2000 M2HK814 A1-10 B37 EF31 E078 F16

## Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	76
Tensile Strength, psi (MPa)	2031 min	2828 (19.5)
Elongation	150% min	300%



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	+5
Elongation, %	-25 max	-3

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

Test (Change)	Requirements	Results
Permanent Set, %	50 max	7

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	-10
Elongation, %	-20 max	-7
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	-7
Tensile Strength, %	-40 max	-22
Elongation, %	-20 max	-8
Volume, %	0 to +15	+8

VT75BK18 is now available on the Canyon Components [online store](#)!