



Overview

VT75BK55 is Canyon's 75 shore A durometer, UL listed, black FKM Type GFLT with improved chemical resistance and low temp performance.

Features & Benefits

- UL 157 Listed: B, C, D, G (Gasoline, Gasoline/Alcohol Blends, Naptha or Kerosene, Diesel Fuel, Fuel Oil, Or Lubricating Oil)
- UL 50E, UL 87A, UL 87B, UL 87C, UL 2586A, UL 2586B, UL 2586C
- Improved low temp performance
- Excellent chemical resistance
- Improved resistance to steam, acids, aromatic hydrocarbons, & more
- Excellent resistance to weathering

Service Temperature

- -37°C to 225°C (-35°F to 437°F)

Specification

- ASTM D2000 M2HK710 A1-10 B37 B38 EF31 E078 E088 F15

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	75+/-5	76
Tensile Strength, psi (MPa)	1450 min	2263 (15.6)
Elongation	175% min	210%



Table 2. A1-10 - Heat Aging - 70 hrs at 250°C

Test (Change)	Requirements	Results
Hardness, Shore A	+10 max	0
Tensile Strength, %	-25 max	+5
Elongation, %	-25 max	+16

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

Test (Change)	Requirements	Results
Permanent Set, %	50 max	18

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	-17
Elongation, %	-20 max	-7
Volume, %	0 to +10	+2

Table 5. E088 - Stauffer Blend 7700 - 70 hrs at 200°C

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to +5	-11
Tensile Strength, %	-40 max	-15
Elongation, %	-20 max	-6
Volume, %	+25 max	+13

Table 6. F15 - Low Temp Brittleness Test - 3 mins at -25°C

Test (Change)	Requirements	Results
Brittleness	Non-Brittle	Non-Brittle