

Overview

VT90BK08 is Canyon's molybdenum disulfide (MoS₂) internally lubricated, 90 shore A durometer, black FKM Type A. This is a specialty material designed for low friction applications.

Other FKM and lubricant types are also available: A, B, F, GF, GLT, GFLT, ULT, ETP, etc.

Compare to Parker VA163-80, 19318, and V0848-75. It is optimized for demanding industrial applications with consistent performance.

Features & Benefits

- Molybdenum disulfide (MoS₂) internally lubricated for lower surface friction
- High durometer for increased wear resistance and lowered surface friction
- Great heat resistance & high temp stability
- Excellent chemical resistance
- Excellent resistance to weathering, aging, and extrusion

Service Temperature

- -26°C to 225°C (-15°F to 437°F)



Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	90+/-5	92
Tensile Strength, psi (MPa)	2030 min (16)	2320
Elongation	100% min	125%

Table 2. Compression Set - 24 hrs at 100°C		
Test (Change)	Requirements	Results
Permanent Set, %	50 max	14

VT90BK08 is now available on the Canyon Components [online store](#).

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