



Overview

NE70BK60 is Canyon's MIL-R-3065, 70 shore A durometer, black Neoprene. This is Neoprene offers good low temperature performance & superior compression set. Compare to Parker C1124-70

Features & Benefits

- Good resistance to weathering
- Good heat resistance
- Good resistance to low temp solvents and refrigerants

Service Temperature

- -40°C to 125°C (-40°F to 257F)

Specification

- ASTM D2000 M3BC710 A14 B14 E014 E034
- MIL-R-3065, Grade 70

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	70+/-5	71
Tensile Strength, psi (MPa)	1450 min	1745 (12)
Elongation	250% min	270%
Specific Gravity, g/cm ³		1.46



Table 2. A14 - Heat Aging - 70 hrs at 100°C

Test (Change)	Requirements	Results
Hardness, Shore A	+15 max	+5
Tensile Strength, %	-15 max	-13
Elongation, %	-40 max	-22

Table 3. B14 - Compression Set - 22 hrs at 100°C

Test (Change)	Requirements	Results
Permanent Set, %	35 max	14

Table 4. E014 - ASTM Oil #1 (901) Resistance - 70 hrs at 100°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 to +10	-6
Tensile Strength, %	-30 max	-11
Elongation, %	-30 max	-15
Volume, %	-10 to +15	+3

Table 5. E034 - ASTM Oil #3 (903) Resistance - 70 hrs at 100°C

Test (Change)	Requirements	Results
Tensile Strength, %	-60 max	-51
Elongation, %	-50 max	-27
Volume, %	+100 max	+44

NE70BK60 is now available on the Canyon Components [online store!](#)

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