



Overview

BT90BK00 is Canyon's standard 90 shore A durometer, black Butyl rubber. This is a popular, cost-effective commodity material. Compare to Parker B0318-70 and B0612-70.

Features & Benefits

- Excellent impermeability against gasses for excellent performance in pressurized & vacuum applications.
- Good resistance to acids, alkalis, and ozone.
- Good low temperature performance.
- Cost Effective.

Service Temperature

- -60°C to 121°C (-76°F to 250°F)

Specification

- ASTM D2000 M2AA907 A13 B13



Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	Black	Black
Hardness, Shore A	90+/-5	91
Tensile Strength, psi (MPa)	1015 min	1160 (8)
Elongation	100% min	200%
Specific Gravity, g/cm ³		1.35

Table 2. A13 - Heat Aging - 70 hrs at 70°C

Test (Change)	Requirements	Results
Hardness, Shore A	-15 to +15	+1
Tensile Strength, %	-30 to +30	+2
Elongation, %	-50 max	+3

Table 3. B13 - Compression Set - 22 hrs at 70°C

Test (Change)	Requirements	Results
Permanent Set, %	25 max	22

BT90BK00 is now available on the Canyon Components [online store!](#)

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