

Overview

NE70WH01 is Canyon's FDA Compliant, 70 shore A durometer, white Neoprene. This is a popular, cost-effective commodity material. Compare to Parker C0873-70 and C557-70.

Features & Benefits

- FDA Compliant
- Good resistance to weathering
- Good heat resistance
- Good resistance to low temp solvents and refrigerants
- Cost Effective

Service Temperature

- -40°C to 125°C (-40°F to 257°F)

Specification

- ASTM D2000 M3BC710 A14 B14 E014 E034 G21

Test Data

Table 1. Physical Properties

Test	Requirements	Results
Color	White	White
Hardness, Shore A	70+/-5	69
Tensile Strength, psi (MPa)	1450 min (14.5)	2103
Elongation	250% min	850%
Specific Gravity, g/cm ³		1.55



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

Test (Change)	Requirements	Results
Hardness, Shore A	+15 max	+3
Tensile Strength, %	-15 max	-3
Elongation, %	-40 max	-20

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

Test (Change)	Requirements	Results
Permanent Set, %	35 max	33

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	+2
Volume, %	-10 to +15	+10

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

Test (Change)	Requirements	Results
Tensile Strength, %	-60 max	-40
Elongation, %	-50 max	-30
Volume, %	+100 max	+82

NE70WH01 is now available on the Canyon Components [online store](#). Looking for specific chemical compatibilities or desire more material information? [Please Contact Us!](#)