



## EUROPE SEALS BV

### Test Report

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Material: FMVQ 70 (Fluorosilicone 70 Blue)

Specification:

Original Properties:

Hardness, Shore A, pts

<u>Required</u>	<u>Result</u>
70 ±5	- 70

Tensile Strength, psi

1400

Elongation, min, %

300

Heat Resistance: 70 h at 200°C

Hardness Change, pts, Shore A

+3

Tensile Strength Change, %

-12

Elongation Change, %

-14

Compression Set, 22 h at 180°C

10

Fluid Resistance, ASTM #903 Oil, 70 h at 150°C

Hardness Change, pts

- 3

Tensile Strength Change, %

- 10

Elongation Change, %

- 7

Volume Change, %

+ 3

Fuel B Resistance, 70 h at 25°C

Volume Change, %

+19

Fuel C Resistance, 72 h at 25°C

Hardness Change, pts

-10

Tensile Strength Change, %

-17

Elongation Change, %

-23

Volume Change, %

+21

\* This test result is based on the test slabs and test buttons. The actual parts will be different with the above test results.

2005-1-3/gf