



SEALS



CONTACT US

Parker Hannifin

Global Business Unit
2360 Palumbo Drive
P.O. Box 11751
Lexington, KY 40512 USA

Parker Compound: N1444-90

QS-9000
CERTIFIED

**LABORATORY
REPORT**

SPEC.: **ASTM D2000 M3 CH910 A25 B14 E016**

**Original Physical Properties, ASTM
D412, D2240**

	Requirements	Results
Hardness, Shore A, pts.	90±5	87
Tensile Strength, MPa	10 min.	16.1
Ultimate Elongation, %	100 min.	142
Modulus at 100%, elongation MPa	None	12.2

Heat Age, 70 Hrs @ 125°C (ASTM D573)

Hardness Change, (Shore A), pts	±15	+4
Tensile Strength Change, %	±30	-6
Ultimate Elongation Change, %	-50 max	-38

Fluid Age IRM 903 Oil 70 Hrs @ 125°C ASTM D471

Volume Change, %	+30 max.	+7.3
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A25 Heat Age, 70 Hrs @ 125°C ASTM D865

Hardness Change, (Shore A), pts.	0 to +15	+4
Tensile Strength Change, %	-25 max.	-13
Ultimate Elongation Change, %	-50 max.	-42

B14 Compression Set, 22 Hrs @ 100°C (ASTM D395(B))

Compression set. %	25 max	7
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EF016 Fluid Age, No. 1 Oil 70 Hrs @ 150°C ASTM D471

Hardness Change, (Shore A).pts	0 to +10	+3
Tensile Strength Change, %	-20 max	-19
Ultimate Elongation Change, %	-40 max	-32
Volume Change, %	-15 to +5	-3.1

