



# MATERIAL REPORT

REPORT NUMBER: KT2051  
DATE: 02/21/90

**TITLE:** Evaluation of Parker Compound V0884-75 to ASTM D2000  
M4HK710 A1-11 B38 Z1 Z2

**PURPOSE:** To determine if V0884-75 meets the requirements.

**CONCLUSION:** Compound V0884-75 meets the ASTM D2000 callout.

Recommended temperature limits: -15<sup>0</sup>F to 400<sup>0</sup>F

Recommended For

Flex fuels  
Petroleum, mineral, and vegetable oils  
Silicone fluids  
Aromatic hydrocarbons (benzene, toluene)  
Chlorinated hydrocarbons  
High vacuum  
Ozone, weather, and aging resistance

Not Recommended For

Hot water and steam  
Auto and aircraft brake fluids  
Amines  
Ketones  
Low molecular weight esters and ethers



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**Compound Data Sheet**  
Parker O-Ring Division United States

**REPORT DATA**

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ORIGINAL PHYSICAL PROPERTIES    M4HK710 A1-11 B38 Z1 Z2    V0884-75

Hardness, Shore A, pts.	70 - 80	75
Tensile Strength, psi.	1600	1952
Elongation, %	175	176

HEAT AGE, 70 HRS. @ 528°F

Hardness Change, pts	-5 to +10	+7
Tensile Change, %	-40	-16
Elongation Change, %	-20	-14

Compression Set, 22 hrs. @ 392°F

% deflection, max	20	12
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Z1 = 75 ± 5 Durometer

Z2 = Brown Color

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