



C.V. BOOT TEST SPECIFICATIONS

EMPI manufactures the finest C.V. Boots available in the aftermarket today.

Below are the test results of the **Neoprene** compound used to manufacture EMPI C.V. Boots

The Tests Were conducted to the following ASTM Standards

ASTM 5BC 614 A₁₄ B₁₄ C₁₂ EO₁₄ EO₃₄ F₁₇ G₂₁

PROPERTY	SPECIFICATION	TEST RESULTS
Hardness, Shore A	60+/-5.....	65
Tensile Strength. MPa (PSI) min.....	14 (2041).....	15.2 (2225)
Elongation % min.....	350.....	350
Specific Gravity.....	N/A.....	1.36
A₁₄ Heat Resistance ASTM D-573		
70 Hours @ 100 deg C		
Change in Hardness, max points	+15.....	+3
Change in Tensile Strength, max.....	-15%.....	-3%
Change in Elongation, max	-40%.....	-31%
B₁₄ Compression Set, ASTM D-395		
Method B, 22 Hours @ 100 deg C, max.....		
	35%.....	24%
C₁₂ Resistance to Ozone		
	100.....	100
ASTM D-1171		
EO₁₄ Fluid Resistance, ASTM D-471		
No. 1 Oil, 70 Hours @ 100 deg C		
Change in hardness, points.....	+/- 10.....	+8
Change in Tensile Strength, max.....	-30%.....	+4%
Change in Elongation, max	-30%.....	-19%
Change in Volume, %	-10% to +15%	-4%
EO₃₄ Fluid Resistance, ASTM D-471		
No. 3 Oil, 70 Hours @ 100 deg C		
Change in Tensile Strength, max.....	-60%.....	-43%
Change in Elongation, max	-60%.....	-48%
Change in Volume, max.....	+100%.....	+52%
F₁₇ Low Temperature Brittleness		
ASTM D-2137, Method A. 9. 3. 2.		
Non-brittle after 3 min. @ -40 deg C.....	Pass	Pass
G₂₁ Tear Resistance, ASTM D-624. Die C.		
10 MPa tensile load, min KN/m.....	26.....	33