



R.E.A.L. SEAL CO.
MATERIAL DATA SHEET
COMPOUND # F6001

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>F6001</u>
HARDNESS, SHORE A PTS	60 +/- 5	62
ULTIMATE TENSILE STRENGTH, PSI	1450 MIN	1805
ULTIMATE ELONGATION, %	125 MIN	305
 <u>HEAT RESISTANCE (ASTM D 573)</u>		
<u>70 HRS @ 250 C</u>		
CHANGE IN HARDNESS, PTS	-5 TO +10	NC
CHANGE IN TENSILE, %	-40 MAX	-5
CHANGE IN ELONGATION, %	-20 MAX	-4
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 200 C</u>		
% SET	20 MAX	13
 <u>FUEL RESISTANCE (ASTM D 471)</u>		
<u>70 HRS IN FUEL C @ 23 C</u>		
CHANGE IN HARDNESS, PTS	+/- 5	-4
CHANGE IN TENSILE, %	-25 MAX	-21
CHANGE IN ELONGATION, %	-20 MAX	-11
CHANGE IN VOLUME, %	0 TO +10	+1
 <u>OIL RESISTANCE (ASTM D 471)</u>		
<u>70 HRS IN ASTM OIL #101 @ 200 C</u>		
CHANGE IN HARDNESS, PTS	-15 TO +5	-6
CHANGE IN TENSILE, %	-40 MAX	-12
CHANGE IN ELONGATION, %	-20 MAX	-2
CHANGE IN VOLUME, %	+15 MAX	+14