



R.E.A.L. SEAL CO.
MATERIAL DATA SHEET
COMPOUND # FD7005

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>FD7005</u>
HARDNESS, SHORE A PTS	75 +/- 5	75
ULTIMATE TENSILE STRENGTH, PSI	1450 MIN	2540
ULTIMATE ELONGATION, %	175 MIN	215
 <u>HEAT RESISTANCE (ASTM D 573)</u>		
<u>70 HRS @ 275 C</u>		
CHANGE IN HARDNESS, PTS	-5 TO +10	NC
CHANGE IN TENSILE, %	-40 MAX	-10
CHANGE IN ELONGATION, %	-20 MAX	+5
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 200 C</u>		
% SET	20 MAX	13
 <u>FLUID RESISTANCE (ASTM D 471)</u>		
<u>336 HRS IN STEAM @ 149 C</u>		
CHANGE IN HARDNESS, PTS	+/- 5	+2
CHANGE IN TENSILE, %	-25 MAX	-20
CHANGE IN ELONGATION, %	-10 TO +25	+14
CHANGE IN VOLUME, %	+10 MAX	+3
 <u>FLUID RESISTANCE (ASTM D 471)</u>		
<u>336 HRS IN DISTILLED WATER @ 149 C</u>		
CHANGE IN HARDNESS, PTS	+/- 5	+2
CHANGE IN TENSILE, %	-25 MAX	-22
CHANGE IN ELONGATION, %	-10 TO +25	+11
CHANGE IN VOLUME, %	+10 MAX	+6
 <u>FLUID RESISTANCE (ASTM D 471)</u>		
<u>70 HRS IN DIET COKE SYRUP¹ @ 23 C</u>		
CHANGE IN VOLUME, %	REPORT	-0.9
 <u>FLUID RESISTANCE (ASTM D 471)</u>		
<u>70 HRS IN FRESCA SYRUP² @ 23 C</u>		
CHANGE IN VOLUME, %	REPORT	-0.9
 <u>COLOR</u>	 REPORT	 BLACK

1,2 :FRESCA AND DIET COKE ARE TRADEMARKS OF THE COKA COLA BOTTLING COMPANY.