



**R.E.A.L. SEAL CO.**  
**MATERIAL DATA SHEET**  
**COMPOUND #R-45D**

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>R-45D</u>
HARDNESS, SHORE D PTS	45 +/-5	42
ULTIMATE TENSILE STRENGTH, PSI	5000 MIN	5985
ULTIMATE ELONGATION, %	350 MIN	540
MODULUS @ 100%, PSI	-----	1450
MODULUS @ 300% PSI	-----	3250
<u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 23C</u>		
% SET	35 MAX	25
<u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 70C</u>		
% SET	60 MAX	40
<u>TEAR STRENGTH (ASTM D624 DIE C)</u>		
PLI	500 MIN	720
<u>SPECIFIC GRAVITY</u>	REPORT	1.21
<u>ABRASION RESISTANCE (ASTM D 1044)</u>		
<u>Mg/1000 CYCLES</u>		
TABER H-18 WHEEL, 1000 g LOAD	REPORT	25