



114 Crown Point Road
 Westville, NJ 08093
 (856) 432-0012
 commercial@colonialseal.com
 www.colonialseal.com

Viton 85

Material : Fluorocarbon Viton Rubber (FKM)

Physical properties	Nominal	Units
Hardness ASTM D 2240, 23°C	85-90	Shore A
Tensile strength ASTM D 412, 23°C	> 102	Kg/cm ²
Elongation at break ASTM D 412, 23°C	> 100	%
Compression set ASTM D 395, 200°C, 22 h, 25 %	< 40	%
Air Ageing ASTM D 573, 250°C, 70 h		
Hardness Change	<(+10)	Points
Tensile Change	<(-25)	%
Elongation Change	<(-25)	%
Fluid Resistance, Liquid-101 ASTM D 471, 200°C, 70 h		
Hardness Change	-15 to +5	Points
Tensile Change	<(-40)	%
Elongation Change	<(-40)	%
Volume Change	0 to +15	%
Fluid Resistance, Reference Fuel C ASTM D 471, 23°C, 70 h		
Hardness Change	± 5	Points
Tensile Change	<(-25)	%
Elongation Change	<(-20)	%
Volume Change	0 to +10	%
Service Temperature	-30 to 220	°C