



Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

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Material : Fluorocarbon Viton Rubber

Spareage Code : VT2B GLT/ RC

Revision date : 01/03/2015

Physical properties	nominal	actual	units
Hardness BS ISO-48, 23 °C	70-75	72	Shore A
Tensile strength BS ISO-37, 23 °C	> 102	162	Kg/Cm ²
Elongation at break BS ISO-37, 23 °C	> 100	270	%
Compression set BS ISO-815, 200 °C, 22 h, 25 %	< 40	12.1	%
Air Ageing BS ISO-188, 250 °C, 70 h			
Hardness Change	<(+10)	+2	Points
Tensile Change	<(-25)	-6.3	%
Elongation Change	<(-25)	-9.5	%
Fluid Resistance, Liquid-101 BS ISO-1817, 200 °C, 70 h			
Hardness Change	-15 to +5	-2	Points
Tensile Change	0 to -40	-10.5	%
Elongation Change	0 to -20	-2.8	%
Volume Change	0 to +15	+3.25	%
Specific Gravity BS 903 A 1, 23 °C	---	2.03	Gm/cc
Ash Content 800°C, 2 Hrs	---	3.82	%
Temperature Range	-45°C to +220°C		