

Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

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Material : Fluorocarbon Viton Rubber

Spareage Code : VT 2B FG Colour : Green

Grade : Rubber for Food Contact Applications.

1) *Spareage Food Grade Compounds were successfully tested at IRMRA [A NABL(ISO-17025-2005) Accredited Laboratory] referring to US-FDA-177-2600.Clause(F).*

2) *All ingredients used in forming the compounds are from the reputed suppliers & food grade certified.*

Revision date : 01/04/2015

Physical properties	nominal	actual	units
As per BS 5176, Grade-1			
Hardness BS 903 A 26, 23 °C	70-75	72	Shore A
Tensile strength BS 903 A 2, 23 °C	> 102	127	Kg/Cm ²
Elongation at break BS 903 A 2, 23 °C	> 175	250	%
Compression set BS 903 A 6, 200 °C, 22 h, 25 %	< 50	32	%
Air Ageing BS 903 A 19, 250 °C, 70 h			
Hardness Change	<(±15)	+4	Points
Tensile Change	<(±30)	-12.5	%
Elongation Change	<(-50)	-21.5	%
Fluid Resistance, ASTM Oil No.3 BS 903 A 16, 150 °C, 70 h			
Volume Change	0 to +10	4.7	%
Specific Gravity BS 903 A 1, 23 °C	---	1.976	Gm/cc
Ash Content 800°C, 2 Hrs	---	7.40	%