

# Data Sheet: V75 USP Class VI FDA

## MATERIAL: VITON 75 SHORE USP CLASS VI FDA

This material has been developed to support use of these Fluoroelastomers in food processing and pharmaceutical applications.

This material has been formulated using only those ingredients determined by the United States Federal Food and Drug Administration (FDA) to be in accordance with Code of Federal Regulations Title 21 (CFR21), Section 177.2600.

This material has been tested and certified to be in compliance with the criteria of US pharmacopeia, Class VI Biological Test for Plastics.

**COLOUR:** WHITE

**GENERAL SERVICE TEMPERATURE RANGE:** -10°C to +204°C

**CERTIFICATES / LICENCES:** USP Class VI 121°C  
Animal Derivative Ingredient Free  
FDA CFR21 177.2600

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS IRHD	ASTM D2240	70
TEAR RESISTANCE, PSI	ASTM D412 PSI	1264
ULTIMATE ELONGATION, %	ASTM D412	263
<b>COMPRESSION SET</b>		
22HRS @ 177°C, %	ASTM D395	28

*The above test results are based on test slabs / buttons. The results from the actual parts may be different.*

**Issue Date: 02.06.2015**