

Technical Specification

**VITON and
Fluoroelastomers: FKM**

**ID.
V732**

**Colour
White**

Basic Properties	Units	Standard	Values
Specific Gravity	g/cm ³		2,16
Indentation Hardness	Shore A	ASTM D2240	70
International Hardness	IRHD	ASTM D1415 / ISO 48	
Tensile Strength	MPa	ASTM D412	10,0
Elongation at Break	%	ASTM D412	200
Tear	N/mm	ASTM D624 Die C	
Abrasion Resistance	mm ³	DIN ISO 4649 (10 N)	
Abrasion Resistance	mm ³	DIN ISO 4649 (5 N)	
Working Temperatures	°C		-10 / 250

Heat Ageing in a Air Ventilated Oven	Cond. Temp.	Values
Standard ASTM D573	C h	Hard. Inc. ShA Tensile Inc. % Elong. Inc. %

Compression Set	Cond. Temp.	Values
Standard ASTM D395 Method B	200 C 22 h	% Max 23

Liquid Resistance: ASTM D471	Cond. Temp.	Values
ASTM n° 5 Oil	150 C 70 h	Volume Inc. %
IRM 903 Oil		Volume Inc. % 10

Ozone Resistance	Conditions	Values
Standard ASTM D1149	C h phr Ozone	Strain %

Chemical Resistance

Ozone

Diluted Acids and Oils

Concentrated Acids and Oils

Hydrocarbons

Organic Solvents

Food quality prepared according to the list of ingredients included in the recommendations of the Code of Federal Regulations 21 FDA 177.2600.

This also applies for the VITON grade from Du Pont, that has also been prepared according to the FDA.



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