

Rubber Sheetting

Technical Specification

**VITON and
Fluoroelastomers: FKM**

<i>ID.</i> V737	<i>Colour</i> Black
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Basic Properties	Units	Standard	Values
Specific Gravity	g/cm ³		1,96
Indentation Hardness	Shore A	ASTM D2240	70
International Hardness	IRHD	ASTM D1415 / ISO 48	
Tensile Strength	MPa	ASTM D412	5,0
Elongation at Break	%	ASTM D412	165
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		-15 / 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	175 C 22 h	% Max 50

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	Excelent
Diluted Acids and Oils	Excelent
Concentrated Acids and Oils	Excelent
Hydrocarbons	Good
Organic Solvents	Good



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