

V733

FKM VITON™

TT GASKETS



**FKM VITON™ 70 SHEETING
FOR TECHNICAL
APPLICATIONS**

FEATURES

Viton™ A: 66% fluorine content.

APPLICATIONS

Pieces for general industrial applications in contact with following fluids:

- water (>+80°C)
- automotive and jet fuel
- aliphatic and aromatic hydrocarbons treatment products and fluids

ADVANTAGES

Very good chemical resistance
Excellent hydrocarbons resistance, either aliphatic, aromatic or chlorinated
Good impermeability to gases
Excellent air resistance
Exceptional high temperature resistance
Excellent ozone resistance
Excellent resistance to acids and alkalis, including oxidants

BENEFITS

Reliability
Economy

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
MECHANICAL				
Rubber compound - black			FKM VITON™	V733
	Density		1.85 ±0.05	g/cm³
	Hardness	ASTM D2240	70 ±5	Shore A
	Tensile strength	ISO 37	≥7	MPa
	Elongation at break	ISO 37	≥220	%
	Compression set after 22h at 175°C	ISO 815-1	≤55	%
TEMPERATURE				
	Working temperature		-20/+250	°C
AGEING				
	Δ Hardness after 70h at 150°C	ASTM D573	≤10	Shore A
	Δ Tensile strength after 70h at 150°C	ASTM D573	≤10	%
	Δ Elongation at break after 70h at 150°C	ASTM D573	≤25	%
OIL RESISTANCE				
	Oil IRM 901, Δ volume after 70h at 150°C	ISO 1817	≤2	%
	Oil IRM 903, Δ volume after 70h at 150°C	ISO 1817	≤5	%
CHEMICAL RESISTANCE				
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons	
Very good	Very good	Very good	Very good	
IDENTIFICATION				
Branding	Without			
Packaging	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.			
Wrapping	Black polyethylene film.			
Labelling	Self-adhesive label indicating product name, dimensions, area in m², nominal weight, and product code to allow product traceability.			

Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.

FKM VITON™		FKM VITON™ 70 SHEETING	V733		
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m²	SIDES FINISH	
1±0.2	1400±2 %	20±2 %	1.84	2 SMOOTH SIDES	
1.5±0.25	1400±2 %	15±2 %	2.76	2 SMOOTH SIDES	
2±0.3	1400±2 %	15±2 %	3.69	2 SMOOTH SIDES	
3±0.3	1400±2 %	10±2 %	5.53	2 SMOOTH SIDES	
4±0.4	1400±2 %	10±2 %	7.37	2 SMOOTH SIDES	
5±0.4	1400±2 %	10±2 %	9.22	2 SMOOTH SIDES	
6±0.5	1400±2 %	10±2 %	11.06	2 SMOOTH SIDES	
8±0.7	1200±2 %	5±2 %	14.76	2 SIDES MATT	
10±1.0	1200±2 %	5±2 %	18.45	2 SIDES MATT	



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