

S V735

FOOD & DRINK SHEETING

GREEN FKM VITON™ 78

GREEN FOOD QUALITY FKM VITON™ SHEETING



MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	FKM VITON™
Rubber Color	Green - V735
Density	1,85 g/cm ³ ±0.05
Hardness (ISO 48-4)	78±5 Shore A
Tensile strength (ISO 37)	≥10 MPa
Elongation at break (ISO 37)	≥200 %
Compression set (ISO 815-1)	22 @ 200 °C : ≤45%

TEMPERATURE

Working temperature	-20/+250 °C
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AGEING

Δ Hardness (ISO 188)	70h @ 150 °C : ≤10 Shore A
Δ Tensile strength (ISO 188)	70h @ 150 °C : ≤10%
Δ Elongation at break (ISO 188)	70h @ 150 °C : ≤25%

OIL RESISTANCE

Oil IRM 903, Δ volume (ISO 1817)	70h @ 150 °C : ≤10%
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CHEMICAL RESISTANCE

Diluted acids and bases	Very good
Concentrated acids and bases	Very good
Ozone	Very good
Oils and hydrocarbons	Good

FEATURES

- Viton™ A, green, food grade, meeting regulation (EC) 1935/2004 (European legislation) and FDA classification (American legislation). Viton™ is a trademark of The Chemours Company FC, LLC.

REGULATIONS

- Meeting european regulations (EC) n.1935/2004 and 2023/2006
- Material prepared according to the list of ingredients included in the recommendations of the Code of Federal Regulations 21 FDA 177.2600
- IANESCO certificate (Institut français de Poitiers)
- Tested and qualified by BNIC (Bureau National Interprofessionnel du Cognac)
- Quality certificate available under request

ADVANTAGES

- Very good chemical resistance
- Excellent hydrocarbons resistance, either aliphatic, aromatic or chlorinated
- Good impermeability to gases
- Excellent air resistance
- Excellent heat resistance
- Excellent ozone resistance
- Strong resistance to water and steam up to 150°C
- Excellent resistance to acids and alkalis, including oxidants

APPLICATIONS

- Gaskets or washers cutting and manufacturing of pieces for general industrial applications in contact with:
 - alcoholic beverages, foodstuffs, fatty products, vegetable and animal oils, alcohol, aqueous products, molasses, etc.
 - diluted and concentrated acids
 - hydraulic oils, fuel oil, automotive and jet fuel, treatment of aliphatic and aromatic hydrocarbons products and fluids
 - organic solvents

MAINTENANCE RECOMMENDATION

- Always follow manufacturer warnings and instructions when using any cleaning product.

Asbestos
FREE

ADI
FREE

RoHS
compliant

REACH
compliant

DIMENSIONS

Article number	Stock Situation	Thickness (mm)	Width (mm)	Length (mm)	Weight	Side 1 finish	Side 2 finish	Type of insertion	Number Of Insertions	Inner car-board tube Ø mm
SSV73500F02005	STD STOCK	2	1100 ±2%	3500 ±2%	3,72	Smooth	Smooth	-	0	80 mm
SSV73500F03003	STD STOCK	3	1100 ±2%	3500 ±2%	5,58	Smooth	Smooth	-	0	80 mm
SSV73500F04003	STD NOT STOCK	4	1100 ±2%	3500 ±2%	7,44	Smooth	Smooth	-	0	80 mm
SSV73500F05004	STD STOCK	5	1100 ±2%	3500 ±2%	9,3	Smooth	Smooth	-	0	80 mm

IDENTIFICATION

Labelling	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability. (94/62/EC - LDPE4)
Wrapping	White polyethylene film.(94/62/EC - LDPE4)
Packaging	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.

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.