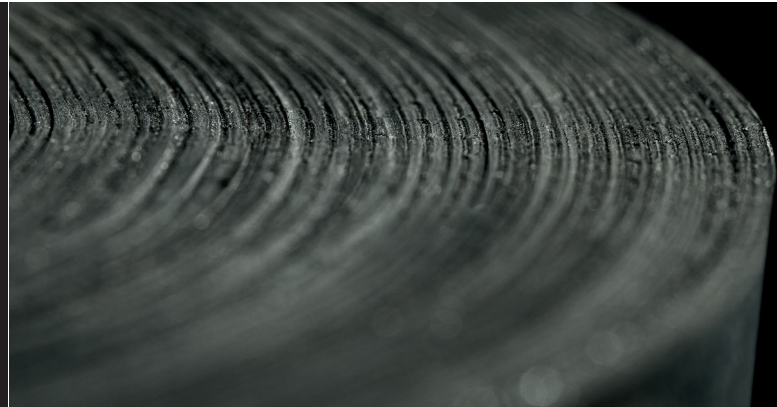


S V733

TECHNICAL SHEETING

BLACK FKM VITON™ 70

FOR TECHNICAL APPLICATIONS FKM VITON™ 70 SHEETING



MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	FKM VITON™
Rubber Color	Black - V733
Density	1.85 g/cm ³ ±0.05
Hardness (ISO 48-4)	70±5 Shore A
Tensile strength (ISO 37)	≥7 MPa
Elongation at break (ISO 37)	≥220 %
Compression set (ISO 815-1)	22h @ 175 °C : ≤55%

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 901, Δ volume (ISO 1817)	70h @ 150 °C : ≤2%
Oil IRM 903, Δ volume (ISO 1817)	70h @ 150 °C : ≤5%

CHEMICAL RESISTANCE

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

FEATURES

- Viton™ A: 66% fluorine content. Viton™ is a trademark of The Chemours Company FC, LLC.

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

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

MAINTENANCE RECOMMENDATION

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

**Asbestos
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
SSV7330000100J	STD STOCK	1	1400 ±2%	20000 ±2%	1,85	Smooth	Smooth	-	0	80 mm
SSV7330000150M	STD STOCK	1,5	1400 ±2%	15000 ±2%	2,775	Smooth	Smooth	-	0	80 mm
SSV7330000200D	STD STOCK	2	1400 ±2%	15000 ±2%	3,7	Smooth	Smooth	-	0	80 mm
SSV7330000300I	STD STOCK	3	1400 ±2%	10000 ±2%	5,55	Smooth	Smooth	-	0	80 mm
SSV73300004008	STD STOCK	4	1400 ±2%	10000 ±2%	7,4	Smooth	Smooth	-	0	80 mm
SSV7330000500H	STD STOCK	5	1400 ±2%	10000 ±2%	9,25	Smooth	Smooth	-	0	
SSV7330000600G	STD STOCK	6	1400 ±2%	10000 ±2%	11,1	Smooth	Smooth	-	0	
SMV73300008001	STD STOCK	8	1200 ±2%	5000 ±2%	14,8	Matt	Matt	-	0	
SMV73300010003	STD STOCK	10	1200 ±2%	5000 ±2%	18,5	Matt	Matt	-	0	

IDENTIFICATION

<i>Labelling</i>	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability. (94/62/EC - LDPE4)
<i>Wrapping</i>	Black polyethylene film.(94/62/EC - LDPE4)
<i>Packaging</i>	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.