

Viton has excellent mix between high temperature and broad resistance to chemicals.

ISO	FKM Rubber with Fluoro
Shape	Rolls
Color	Black
Temperature Range	-10 and 250 °C
Density	1840 kg/m3
Hardness	75 Shore A (± 5)
Elongation at break	200 %

## Material information

Viton has excellent resistance to chemicals and high temperatures. It is also fire resistant and highly resistant to the influence of ozone.

## Usage examples

Seals (especially at high temperatures and chemicals), O-rings Engine Industry, Offshore and Chemicals

## Processing

This material can be cut to any size or processed into custom products with great precision using our CNC-controlled cutting machine.

Measurement tolerance 7715-P3

Petrol	Oil	UV	Water	Acids	Alkali	Base
Not suitable	Excellent	Moderate	Excellent	Excellent	Excellent	Good

## Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
10400005	FKM Viton 0,5 mm	1.000	10.000
10400010	FKM Viton 1 mm	1.000	10.000
10400015	FKM Viton 1,5 mm	1.000	10.000
10400020	FKM Viton 2 mm	1.000	10.000
10400030	FKM Viton 3 mm	1.000	10.000
10400040	FKM Viton 4 mm	1.000	10.000
10400050	FKM Viton 5 mm	1.000	10.000
10400060	FKM Viton 6 mm	1.000	10.000
10400080	FKM Viton 8 mm	1.000	10.000
10400100	FKM Viton 10 mm	1.200	5.000
10400120	FKM Viton 12 mm	1.200	5.000

## Compression set

[tbl\\_compressieset\\_explainer](#)

Testing Regulation	Duration	Temperature	Difference
ISO 815	24 hour(s)	200 °C	36 %



## Veroudering

[tbl ageing explainer](#)

Testing Regulation	Ageing conditions	Ageing hardness	Ageing strength	Elongtation
DIN 53508	168 Duration 250 Temperature	-10	-8 %	-24 %

## Storage advice (ISO 2230)

The enclosed specification gives an indication of the storage periods to prevent degradation in properties of the material. Exposure to light and moisture should be avoided as much as possible. It is advisable to check the material in advance if it is to be stored for more than one year.

Group	Minimum temperature	Maximum temperature	Maximum humidity	Shelf life	Extension after inspection
C	10 °C	25 °C	65 %	10 year	5 year

*We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.*

