

FKM 75 Compound 51416



ERIKS' 51416 is a standard grade FKM co-polymer compound, based on Genuine Viton® with a broad chemical resistance and good compression set values. In the colour brown for easy identification. Formerly known as ERIKS' 51414 brown.

Description

- **Chemical composition:** Co-polymer of Hexafluoropropylene and vinylidene fluoride
- **Physical form:** O-rings, moulded parts
- **Colour:** brown
- **Temperature resistance:** -20°C to +200°C

Application

- Wide range of chemicals
- Hydrocarbons at high temperature
- Covalent or non polar solvents
- Vacuum

Compliances

- ADI
- REACH
- RoHS

Additional information

- Formerly known as ERIKS' 51414 brown

Please consult our [Chemical Resistance Guide](#) for more information on this compound.



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ISO 48	74±5	IRHD
Elongation at break	ISO 37	175	%
Tensile strength	ISO 37	14.5	MPa
100% Modulus	ISO 37	8	MPa
Compression set – 24 hours at 200°C Slab	ISO 815	21	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 250°C	ISO 188		
Hardness change		+3	IRHD
Elongation change		-19	%
Tensile strength change		+2	%