



FKM 75 Compound 51414

ERIKS' 51414 is a standard grade FKM co-polymer compound, based on Genuine Viton® with a broad chemical resistance and good compression set values.

Description

- Chemical composition: Co-polymer of
- Hexafluoropropylene and vindylidenefluoride Physical form: O-Rings and moulded parts
- **Colour**: Black
- Temperature resistance: -20°C to +200°C

Applications

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

Compliances

- ADI
- REACH
- RoHS

Additional information

Wide range of O-rings available from stock

Please consult our <u>Chemical Resistance Guide</u> for more information on this compound.



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ISO 48	75±5	IRHD
Elongation at break	ISO 37	221	%
Tensile strength	ISO37	13.1	MPa
100% Modulus	ISO 37	6.6	MPa
Compression set – 24 hours at 200°C	ISO 815		
Slab		16	%

Table 2: Ageing properties

Property	Test standard	Value	Unit
Heat ageing – 70 hours at 250°C	ISO 188		
Hardness change		+5	IRHD
Elongation at break change		-16	%
Tensile strength change		-7	%

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