

FKM 75 Compound 514712

ERIKS' 514712 is a specialist grade ter-polymer based on Viton® GFLT developed for food contact and low temperature applications.



Description

Chemical composition: Ter-polymer of Tetrafluoroethylene, vinylidene fluoride and hexafluoropropylene

Physical form: O-rings, moulded parts

Colour: Black

Temperature resistance: -30°C to +200°C

Application

- Food contact
- Low temperatures

Compliances

- FDA 21 CFR 177.2600
- ADI
- REACH
- RoHS

Additional information

- Extraction tested

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	203	%
Tensile strength	ISO 37	20.9	MPa
100% Modulus	ISO 37	5.5	MPa
Compression set – 24 hours at 175°C Slab	ISO 815	13.7	%
Low temperature resistance TR10	ISO 2921	-24.2	°C