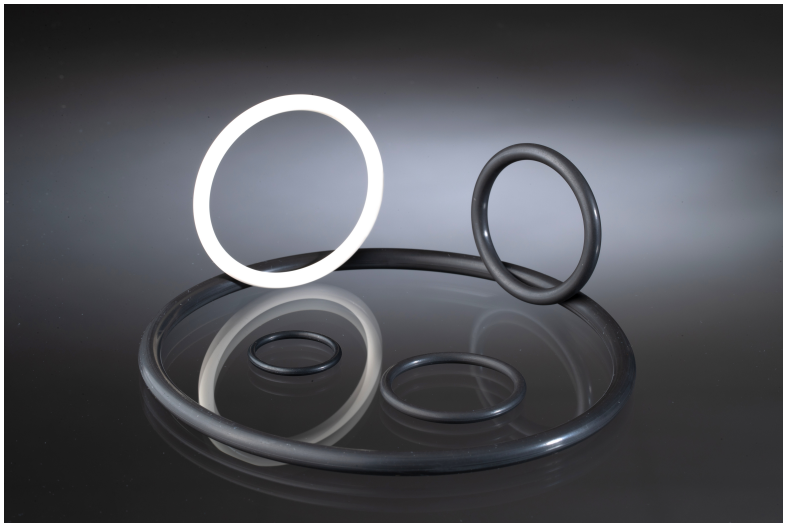
FFKM (Perfluoroelastomer)



FFKM compounds are exceptionally resistant to degradation by aggressive fluids and gases. They fill an important niche for applications that involve severe chemicals at temperatures up to 330°C.

Perfluoroelastomers (FFKM) provide outstanding chemical and thermal resistance. They can withstand many aggressive chemicals making them ideal for use in the most demanding Chemical sealing applications.

Our competitively priced standard compound FFKM3152 offers broad chemical resistance, and combines excellent heat reistance with low temperature flexibility (-30°C to +230°C continuous.).

We can supply direct FFKM equivalents to many Kalrez® Simrez® Perlast® Chemraz® grades.

> All FFKM compounds are **individually bagged in clean room facilities** to avoid contamination.

ES Ref	Colour	Standard Compound Working Temperature	Shore	Notes
FFKM3152	Black	-30°C to +230°C	75	Broad chemical resistance. Used as a standard compound in a variety of applications. This compound meets the FDA requirements according to CFR 177.2600 in regard to global migration. Low temperature flexibility.
FFKM3153	White	-30°C to +230°C	75	Broad chemical resistance. Used as a standard compound in a variety of applications. This compound meets the FDA requirements according to CFR 177.2600 in regard to global migration. Low temperature flexibility.
FFKM3202	Black	-10°C to +230°C continuous (260°C Peak)	75	FFKM 75 ± 5 Shore A black, upper chemical resistance grade. Developed for very demanding sealing applications. Hot amines and steam resistant.
FFKM3404	White	-10°C to +230°C continuous (260°C Peak)	70	Outstanding resistance to aggressive media. Developed for food and pharmaceutical processing, automated CIP and SIP systems. In accordance with USP Class VI and FDA 21 CFR 177.2600 requirements.
FFKM8701	Black	-10°C to +230°C continuous (260°C Peak)	60	For general use offering universal chemical resistance
FFKM8702	Black	-10°C to +230°C continuous (260°C Peak)	70	For general use with outstanding resistance to aggressive media.
FFKM8703	Black	-10°C to +230°C continuous (260°C Peak)	80	Developed for food and pharmaceutical processing, automated CIP and SIP systems and is FDA compliant to 21 CFR 177.2600. Offers outstanding resistance to aggressive media.
FFKM8705	Black	-10°C to +230°C continuous (260°C Peak)	75	High chemical resistance, particularly in hydrofluoric acid (HF). Optimum performance in photovoltaic (PV) processing environments. Low particle generation.
FFKM8706	Black	-10°C to +230°C continuous (260°C Peak)	90	For general use with outstanding resistance to aggressive media.

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FFKM8708	White	-10°C to +230°C continuous (260°C Peak)	80	Developed for food and pharmaceutical processing, automated CIP and SIP systems. In accordance with FDA 21 CFR 177.2600 requirements.
FFKM8714	White	-10°C to +230°C continuous (260°C Peak)	60	General use - with high chemical resistance.
FFKM8716	Ivory	-10°C to +230°C continuous (260°C Peak)	75	Very high chemical resistance and developed for very demanding sealing applications. Resistant to hot amines.
FFKM8717	Black	-10°C to +230°C continuous (260°C Peak)	90	High chemical resistance; Developed for the Oil & gas Industry. Explosive decompression resistant (Norsok M-710 Annex B approved).
FFKM8720	Black	-40°C to +230°C continuous (260°C Peak)	75	High chemical resistance, in particular to oilfield fluid. Good sealing performance when operating conditions change during the process lifetime. Very low temperature capability.
FFKM8722	Black	-40°C to +230°C continuous (260°C Peak)	75	Developed for Oil and Gas Industries. High chemical resistance. Very low temperature capability.
FFKM8726	Ivory	-10°C to +230°C continuous (260°C Peak)	80	Specifically developed for semiconductor applications. Good mechanical properties, low particle generation and low weight loss in plasmas. Specific cleaning and packaging in ultra pure environment.
FFKM8727	Ivory	-5°C to +300°C continuous (320°C Peak)	70	Good mechanical properties, low particulate generation and low weight loss in plasmas. Specific cleaning and packaging in ultra pure environment.
FFKM8732	Black	-45°C to +250°C continuous	90	High chemical resistance and low temperature capability. Developed for the Oil and Gas Industry. Explosive decompression resistant, tested to Norsok M-710.
FFKM8733	Black	-10°C to +230°C continuous (260°C Peak)	80	An upper chemical resistant material, developed for very demanding sealing applications. Hydrofluoric acid resistant.
FFKM8740	Black	-5°C to +230°C continuous (260°C Peak)	75	Our most economical grade - Outstanding resistance to aggressive media. Optimized formulation for the largest range of applications.
FFKM8741	Black	-5°C to +275°C continuous	75	Improved chemical resistance grade. Designed for mid and high temperature chemical resistant applications. Excellent compression set and long term performance. Compound is certifies as USP Class VI for pharmaceutical industry.
FFKM8742	Black	-30°C to +200°C continuous (220°C Peak)	75	General purpose material, with outstanding resistance to aggressive media. Low temperature applications.
FFKM8748	White	-10°C to +230°C continuous (260°C Peak)	70	Specific compound for Quad Ring / X Rings. Developed for food and pharmaceutical processing, automated CIP and SIP systems. In accordance with FDA 21 CFR 177.2600 requirements.
FFKM8749	White	-5°C to +300°C continuous (320°C Peak)	60	Low sealing force applications in semiconductor thermal processes. Low outgassing properties at elevated temperatures.
FFKM8753	Black	-10°C to +300°C continuous (330°C Peak)	70	This compound is recommended for General use for high temperatures. It has broad chemical resistance and excellent steam resistance.
FFKM8755	Black	-10°C to +300°C continuous (330°C Peak)	80	This compound is recommended for General use for high temperatures. It has broad chemical resistance and excellent steam resistance.
FFKM8759	Light Grey	-10°C to +300°C continuous (330°C Peak)	80	For high upper temperatures with broad chemical resistance. Developed for various semiconductor processes, very low extractable metal ions.
FFKM8760	Beige Translucent	-5°C to +300°C continuous (320°C Peak)	75	Developed for Semicon Industry and suitable for dry and wet applications. This is a high purity compound without filler. Outstanding resistance to aggressive chemicals and high temperature conditions.