



FFKM Performance

ENGLISH



FluorTecnico s.r.l.
Kaflon® is a registered mark.

www.kaflon.com



HIGH END SEALING PRODUCTS
100% MADE IN ITALY

FFKM Performance

KAFLON® is a last generation perfluoroelastomer developed and manufactured by FluorTecno. KAFLON® combines the typical **RUBBER elasticity** with the **PTFE complete chemical resistance**. These properties guarantee excellent sealing performances in the most harsh applications and environments. Along the years FluorTecno developed many grades of KAFLON® compounds, satisfying different needs. KAFLON® offers **full chemical compatibility**, a **wide temperature range** (from -40°C to +315°C) and a consistent number of conformities to the most required international normatives.

OUR SPECIALTIES

KAFLON® technical department is open to your needs, offering their expertise in order to realize **standard O-Rings, big dimensions O-Rings, special gaskets and customized parts** based on customer drawing. Special compounds that suits customer needs may be studied and developed to satisfy your specific application in terms of chemical compatibility, hardness and conformities.

INDUSTRIES



CHEMISTRY



PHARMACEUTICAL



FOOD



OIL & GAS



MECHANICAL

CONFORMITIES



CFR 21 part. 177. 1550



EU-10/2011



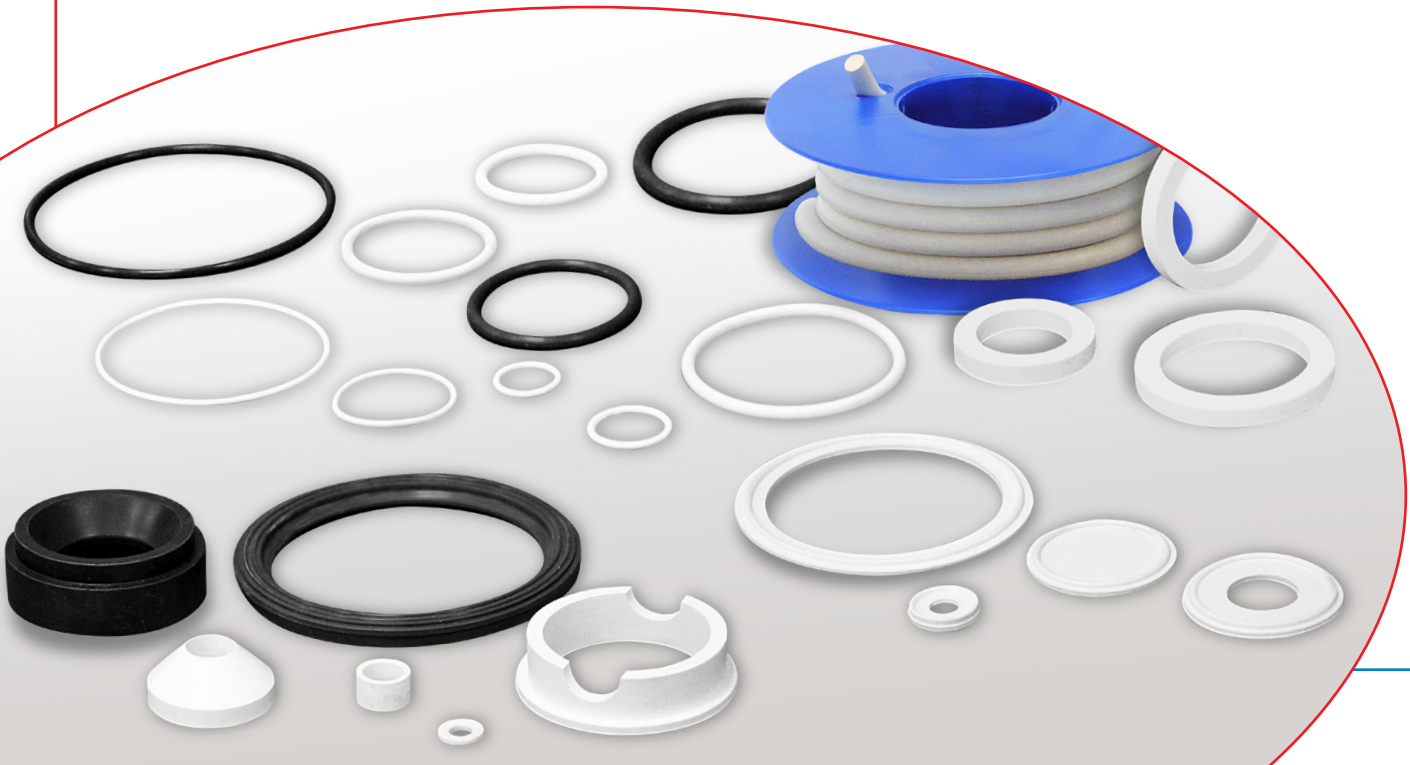
ISO 23936



USP VI



ISO 9001



Compound	Colour	Hardness Sh A	Properties	Operating temperatures	Conformities
620W	White	75	Excellent chemical resistance for chemical and pharmaceutical applications.	-5 °C / +280°C	FDA EU10/2011 USP Class VI
760N	Black	75	General purpose compound with excellent mechanical characteristics and chemical compatibility.	-5 °C / +280°C	
790P	Black	70	Specific compound for high temperatures and excellent chemical resistance. Outstanding compression set.	-5 °C / +310°C	
700N	Black	80	Compound for hot steam and amines applications.	-5 °C / +310°C	
920D	Black	92	Complete chemical resistance and explosive decompression AED conform.	-15 °C / +280°C	ISO 23936 AED
725L	Black	75	Complete chemical resistance up to -25°C. Very good elasticity.	-25 °C / +280°C	FDA
740F	Black	75	Complete chemical resistance up to -40°C. Very good elasticity in the most extreme thermal cycles.	-40 °C / +280°C	

CHEMICAL COMPATIBILITY*

Acids	Nitric, Sulphuric, Acetic 118°C, Hydrofluoric 48%, etc.
Bases (i.e. KOH) et organic amines	Potassium hydroxide, Sodium hydroxide, Aniline, Ethylenediamine, etc.
Esters	Butyl acetate 125°C, Ethyl acetate, Methyl acetate, Metoxypropanol acetate (PMA)
Alcohols	Isopropyl, Methanol, Phenol 100°C, etc.
Ethers	Tetrahydrofuran 20°C, MTBE
Aromatic Hydrocarbons	Benzene, Toluene, ASTM Fuel C/ Methanol, ETBE
Mineral and synthetic oils	ASTM Oil #3, Skydrol 500B
Ketones	Methyl ethyl ketone (MEK, Dichloropropane), Acetone
Solvents	Perchlorethylene, Methylene Chloride, Nitro Solvent (incl. Xylene and methyl alcohol), Aggressive Chlorinated Solvents, DMF 20°C, Trichloroethane, MEK/Toluene 50/50.
Special applications	Geothermal steam at 270°C, Diethyl-amine, melted PP. paint nozzles

**This table is reliable and is made available for use by technically skilled persons. The table does not provide guarantee of accuracy or suitability for any purpose for the use of Kafflon® on industrial plants. For more specific information on Kafflon's® compatibility contact Fluortecno personnel directly.*

PRODUCTS AND APPLICATIONS



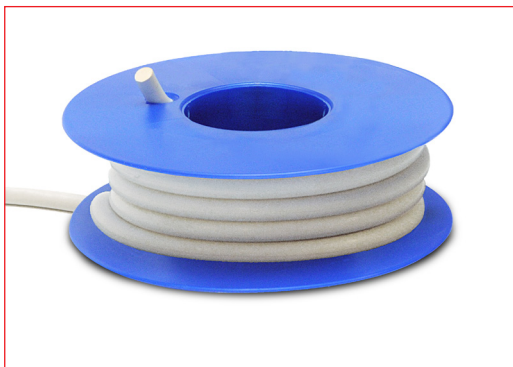
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KAFLON® O-RINGS



High performance O-Rings
standard sizes and big dimensions

KAFLON® CORDS



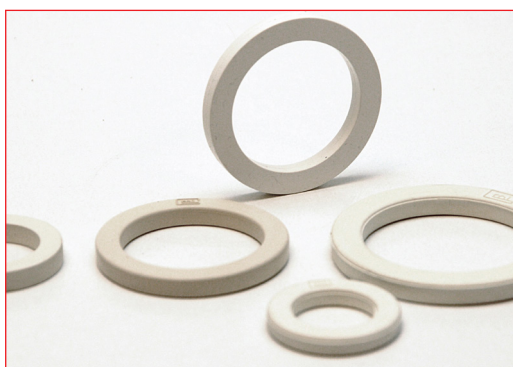
Cords for your
Tailor-made applications

KAFLON® PARTS



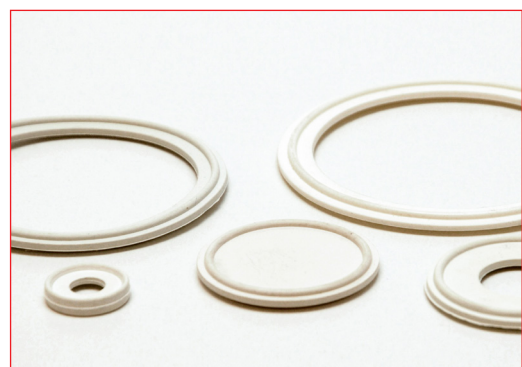
Customized parts

KAFLON® BIO - KAM



Cip & Sip gasket for
pharmaceutical process

KAFLON® BIO - CLAMP



Higienic solutions for
aseptic connections