



HUTCHINSON®

We make it *possible*

FFKM Compounds

Sealing under extreme conditions



In-house Manufacturing, Safe Sealing



EXTREME SEALING

Leader and specialist of precision sealing systems, Hutchinson designs and manufactures standard and tailor-made sealing solutions such as O-Rings, special shape seals and bonded seals.

To address specific needs, we have developed FFKM compounds made for extreme temperatures and highly aggressive media. Thanks to their excellent properties, our FFKM reduce the maintenance costs and lead to a long service life for your installations.

For optimal quality, we conceive sealing solutions according to your specifications and produce all parts in our plants.

TECHNICAL ADVANTAGES

- ▶ Best resistance against highly aggressive media
- ▶ Operation temperatures up to 320°C
- ▶ Excellent compression set at high temperatures
- ▶ Minimal degassing in high vacuum
- ▶ High di-electric property
- ▶ Reduced chemical swelling
- ▶ Better creep behavior than PTFE

Compound	Family	Vulcanization	Color	Hardness	CS*	TR10	Max.temp.
ST 8010	FFKM	Peroxide	Black	80 ShA	15%	-3°C	250°C
CR 8410	FFKM	Bisphenol	Black	80 ShA	30%	-3°C	275°C
HT 8510	FFKM	Peroxide	Black	85 ShA	20%	+1°C	320°C

* Conditions of compression set: 70h at 200°C

FREQUENT APPLICATIONS

- ▶ Chemical and petrochemical installations
- ▶ Pumps, valves and filtration
- ▶ Semi-conductors manufacturing
- ▶ Pharmaceutical installations
- ▶ Aerospace