



MEMBER OF **ACUSHNET RUBBER**
 A FRANKLIN ELECTRIC COMPANY

Precix® Product Profile

F13871 (P07) Black Perfluoroelastomer (FFKM) Product

General Information

- Peroxide cured for the widest chemical resistance (see chart below)
- Best in Class Low temperature flexibility coupled with outstanding high temperature performance offers a service temperature range of (-40 to +230C)
- Superior mechanical (tensile, elongation, etc.) properties



Applications

- Oil/Gas Exploration and Production in Extreme Low Temp Environments
- Chemical Processing: Mechanical Seals, Flanges, Filters and Valves
- Aerospace: Engines, Auxiliary Power Units (APUs)
- Paint & Coatings: Canisters, Spray Guns
- Semiconductor: Wet stations, Filters, Valves, Lids, Furnace Doors

Material

- Black in Color
- 100% Virgin Materials
- Full test specs/lab report available via www.precixinc.com/Perfluoroelastomer.asp

Properties

Durometer	77
Tensile Strength (psi)	2669
Elongation	200
C-set (70 hrs @ 446F)	27%
TR-10 (low temp)	-30°C

Cure Type Compare

	Chemical Peroxide	Bisphenol	Trianzinic
Alkali	Excellent	Good	Poor
Amines	Excellent	Good	Poor
Hot water / Steam	Excellent	Good	Poor
Ketones	Excellent	Excellent	Excellent
Solvents	Excellent	Excellent	Excellent
Esters / Ethers	Excellent	Excellent	Excellent
Acids	Good	Poor	Excellent

Compared to Other FFKM's

