



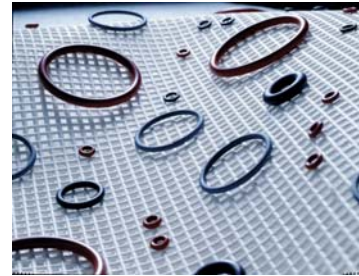
MEMBER OF ACUSHNET RUBBER  
SPECIALTY - CUSTOM ELASTOMER SOLUTIONS

## Precix® Product Profile

# F13789 (P03) Black Perfluoroelastomer (FFKM) Product

### General Information

- **Peroxide** cured for the widest chemical resistance (see chart below)
- Excellent heat (to 320°C) resistance and overall thermal stability
- Superior mechanical (tensile, elongation, etc.) properties
- Meets/exceeds the AMS7257C aerospace specification



### Applications

- Aerospace: Engines, Auxiliary Power Units (APUs)
- Chemical Processing/Petrol Refining: Mechanical Seals, Flanges, Filters and Valves
- Paint & Coatings: Canisters, Spray Guns
- Semiconductor: Wet stations, Filters, Valves, Lids, Furnace Doors

### Material

- Black in Color
- 100% Virgin Materials
- Meets Specification AMS7257C
- Full test specs/lab report available via [www.precixinc.com/Perfluoroelastomer.asp](http://www.precixinc.com/Perfluoroelastomer.asp)

### Specifications

Durometer	80
Tensile Strength (psi)	2287
Elongation	173
C-set (70 hrs @ 446F)	30%
TR-10 (low temp)	-1°C

### Cure Type Compare

Chemical	Peroxide	Bisphenol	Trianizinic
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

### Interchange

**Kalrez®** 4079, 6375, 7075

**Parker** V8545-75

**Chemraz®** 505, 555, 615

**Simriz®** Z7257, 481, SZ485, 487, 498