



MAKERS OF  ACUSHNET RUBBER
O RINGS • SEAL RINGS • CUSTOM ELASTOMER SOLUTIONS

Precix Product Profile

F13789 (P03) Perfluoroelastomer Product

General Information

- FFKM
- Excellent heat resistance to 320°C
- Excellent chemical resistance
- Low compression set

Applications

- Aerospace
- Petrochemical Handling Systems
- High Temperature Seals and Gaskets

Material

- Black in Color
- 100% Virgin Materials
- Meet AMS 7257C Specification



MAKERS OF  **ACUSHNET RUBBER**
O RINGS • SEAL RINGS • CUSTOM ELASTOMER SOLUTIONS

Precix Compound Data Sheet

Precix O-Ring Technical Report

Typical Physical Properties F13789 (P03)

	Typical Values	AMS 7257C
<u>Original Properties:</u>		
Shore A Durometer:	77	75, +/-5
Tensile, Mpa	14.7	10.3 min.
Elongation, %	170	120 % min.
Color	Black	NR

Heat Age, 70 hrs. @ 290°C:

Change in Durometer, pts.	+1	-5 / +5
Change in Tensile, %	+38	-20 max.
Change in Elongation, %	+32	-5 max.
Change in Weight, %	+2	+5max.

Compression Set, 70 hrs. @ 230°C:

% Set	32	40 max.
-------	----	---------

Fluid Resistance, AMS 3021 (ARM 200), 70 hrs. @ 175°C:

Change in Durometer, pts.	0	-5 / +5
Change in Tensile, %	0	-10
Change in Elongation, %	-15	-15
Change in Volume, %	0	+0 / +5

Fluid Resistance, AS1241 (SKYDROL LD4), 70 hrs. @ 125°C:

Change in Durometer, pts.	0	-15 / 0
Change in Tensile, %	-2	-40
Change in Elongation, %	-10	-15
Change in Volume, %	+4	+0 / +15

PRECIX, INC. - Success Demands Precision.

Fluid Resistance, ASTM Fuel B, 70 hrs. @ 23°C:

Change in Durometer, pts.	+2	-5 / +5
Change in Tensile, %	-11	-20
Change in Elongation, %	-1	-15
Change in Volume, %	0	0 / +5

Low Temperature Resistance, Temperature Retraction

TR-10 Point, °C, maximum	+4	+5
--------------------------	----	----