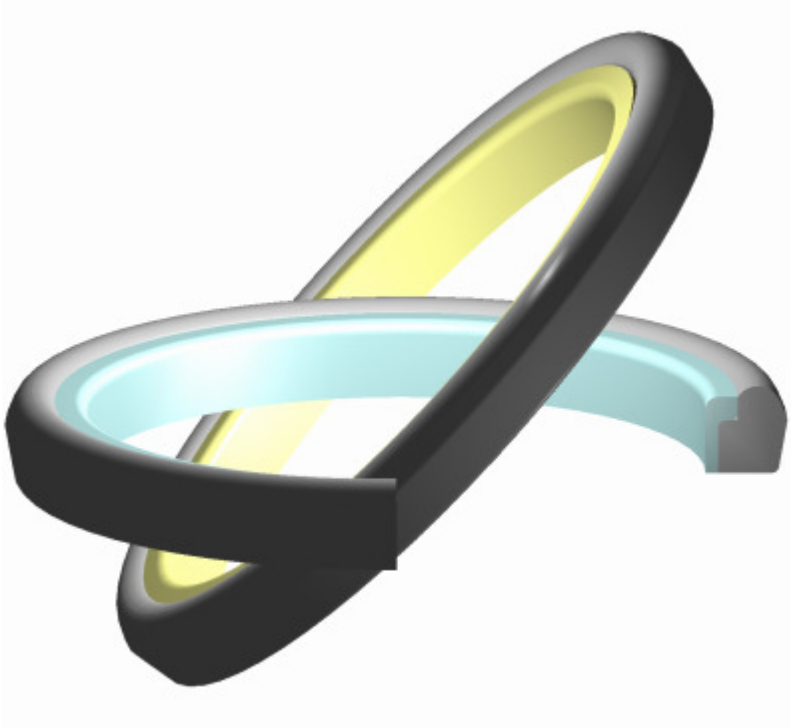
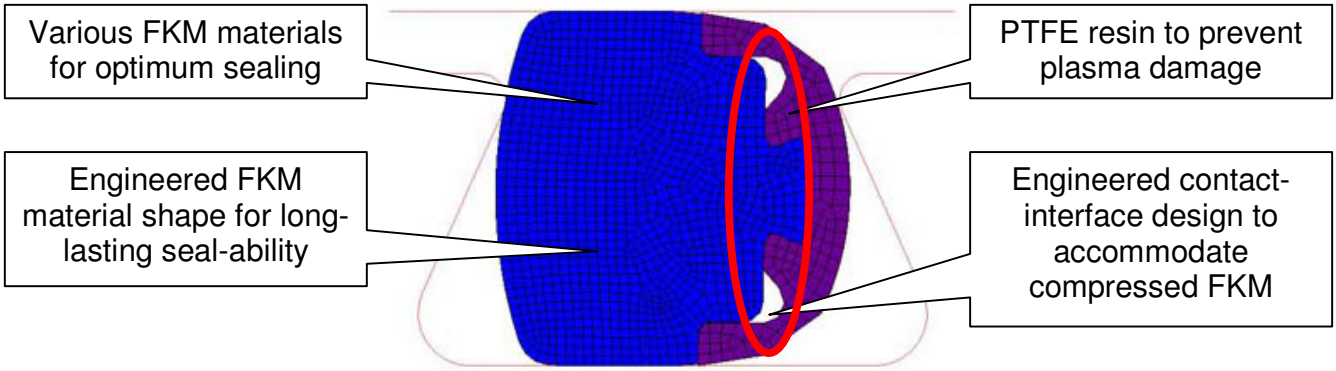
VICTRA-ER®

~ New Hybrid O-ring for Ultimate Sealing ~



<Concept and Engineered Design>

The combination of PTFE and FKM provides the best sealing performance and radical resistance.

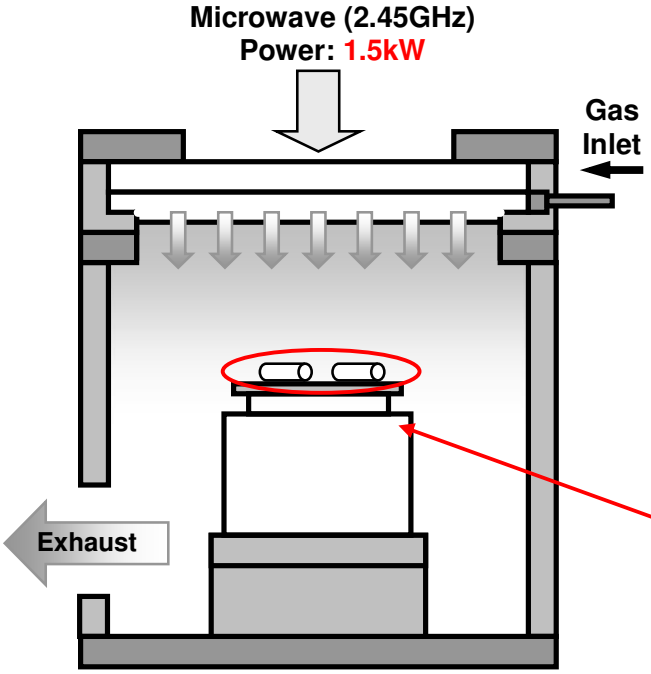


	FFKM	FKM	PTFE	Victra-ER® (PFTE/FKM)
Radical Resistance	Good	Poor	Excellent	Excellent
Seal-ability	Good	Excellent	Poor	Excellent

PTFE/FKM matching interface is not limited to as shown here. The interface designed specifically for each tool and groove design to provide best performance possible.

Valqua America, Inc.

<Plasma Resistance: Plasma Exposure Test>



H_2 Plasma Examination Condition
Gas: 20% H_2/Ar
Flow Rate: 500 cc/min
Vacuum Level: 1 Torr
Temp: 90 ºC
Time: 60 min

O_2 Plasma Examination Condition
Gas: 95% O_2/Ar
Flow Rate: 500 cc/min
Vacuum Level: 1 Torr
Temp: 90 ºC
Time: 60 min

NH_3 Plasma Examination Condition
Gas: 20% NH_3/Ar
Flow Rate: 500 cc/min
Vacuum Level: 1 Torr
Temp: 90 ºC
Time: 60 min

NF_3 Plasma Examination Condition
Gas: 58% NF_3/Ar
Flow Rate: 1000 cc/min
Vacuum Level: 0.8 Torr
Temp: 140 ºC
Time: 60 min

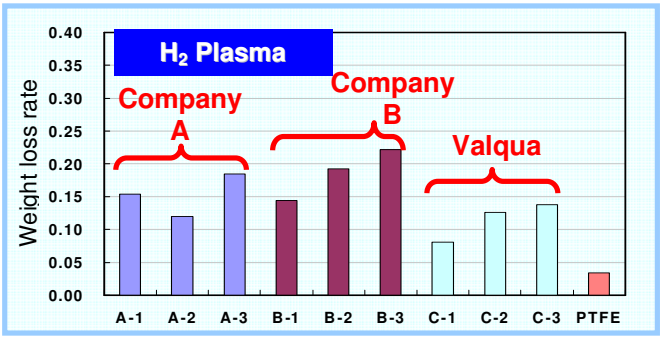
TEST SAMPLE

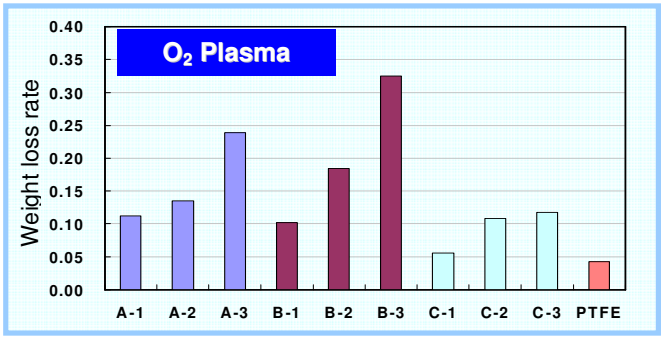
Company A FFKM: 3types

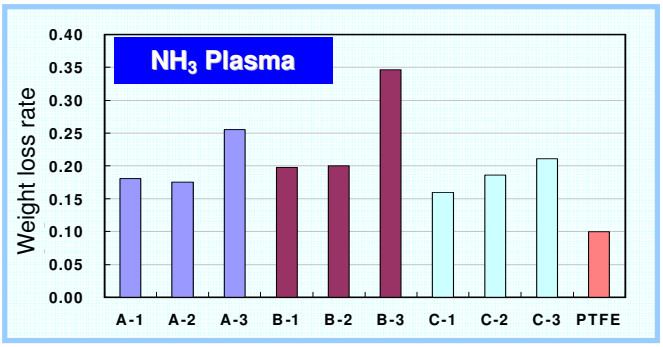
Company B FFKM: 3types

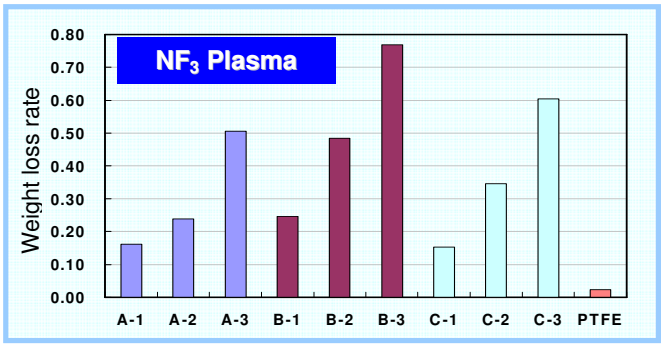
Valqua FFKM : 3types

Size:
AS568-214
quarter cut









Plasma resistance of PTFE protects seal material from radicals!

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