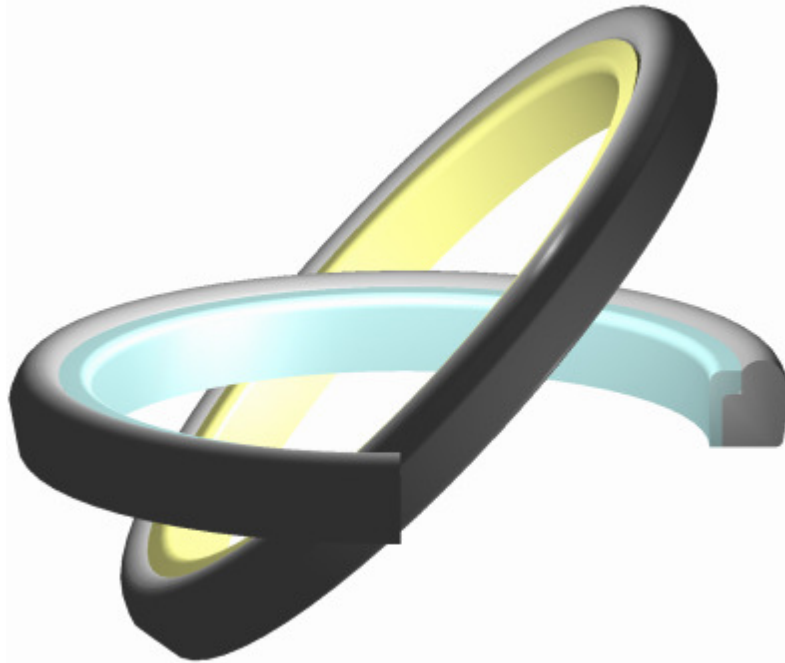


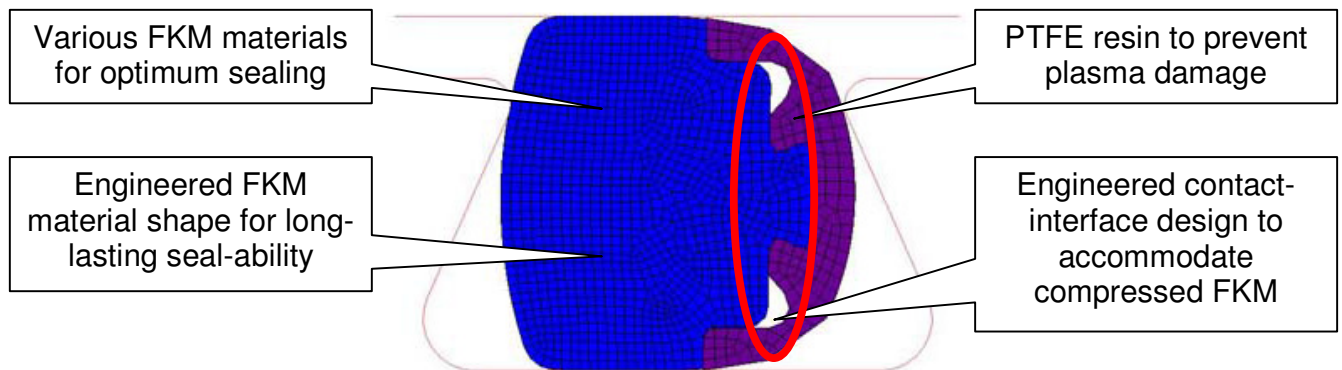
VICTRA-ER[®]

~ 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.



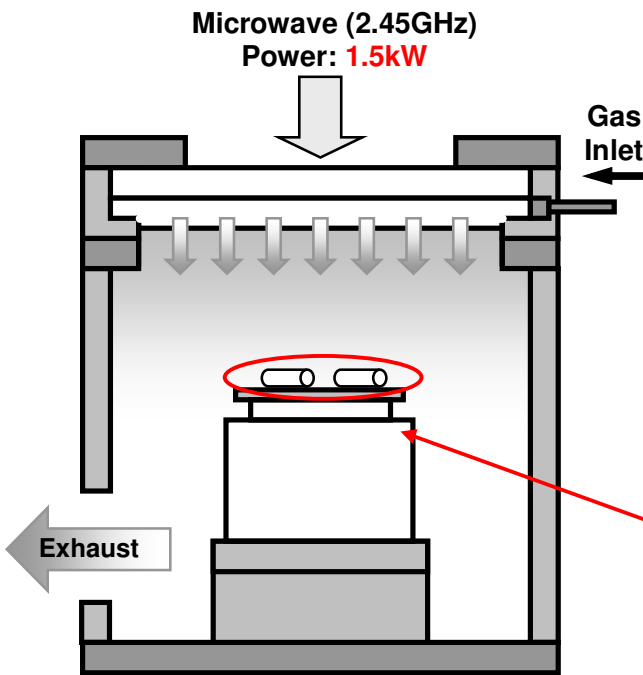
	FFKM	FKM	PTFE	Victra-ER [®] (PFTE/FKM)
Radical Resistance	Good	Poor	Excellent	Excellent
Seal-ability	Good	Excellent	Poor	Excellent

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.



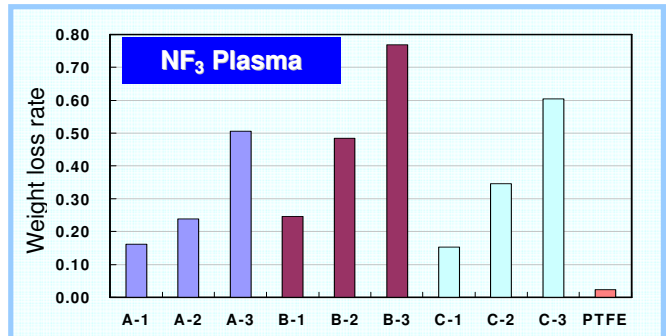
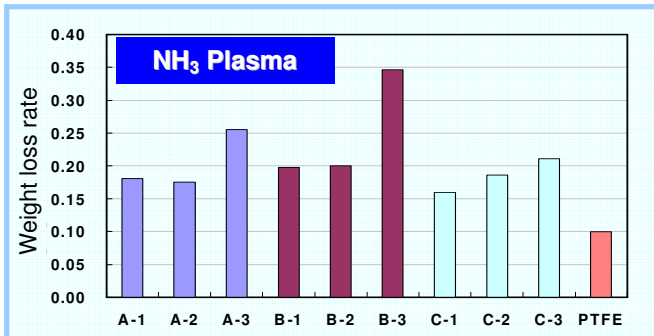
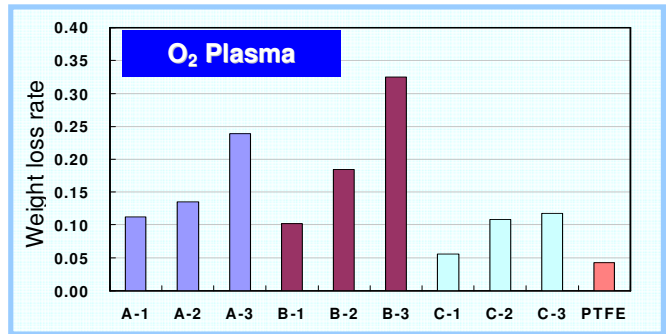
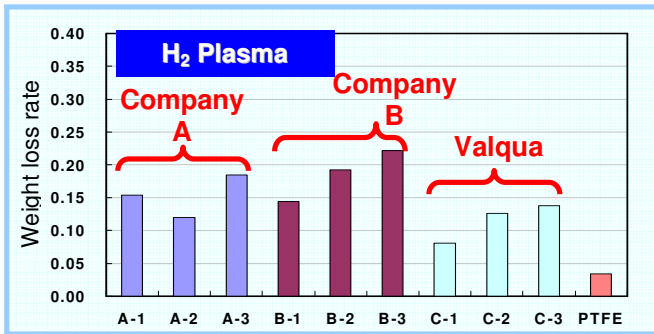
Valqua America, Inc.

<Plasma Resistance: Plasma Exposure Test>



H₂ Plasma Examination Condition Gas: 20% H ₂ /Ar Flow Rate: 500 cc/min Vacuum Level: 1 Torr Temp: 90 °C Time: 60 min	O₂ Plasma Examination Condition Gas: 95% O ₂ /Ar Flow Rate: 500 cc/min Vacuum Level: 1 Torr Temp: 90 °C Time: 60 min
NH₃ Plasma Examination Condition Gas: 20% NH ₃ /Ar Flow Rate: 500 cc/min Vacuum Level: 1 Torr Temp: 90 °C Time: 60 min	NF₃ Plasma Examination Condition Gas: 58% NF ₃ /Ar Flow Rate: 1000 cc/min Vacuum Level: 0.8 Torr Temp: 140 °C Time: 60 min

TEST SAMPLE	
Company A FFKM: 3types	Size: AS568-214 quarter cut
Company B FFKM: 3types	
Valqua FFKM : 3types	



Plasma resistance of PTFE protects seal material from radicals!

All trademarks and registered trademarks noted in this file are the exclusive property of Nippon Valqua Industries, Ltd. unless otherwise specified. Although these data are created based on the data and the information as of July 2009, Nippon Valqua Industries Ltd. may change these data without notice for the reason of improvement in functional of a product, standard revision and others. Patent pending in US. Please note the following point in use of these data. (1) An operating temperature, pressure range, durability, etc. indicated in this catalogue do not assume each operation conditions but show the application possibility based on our company data, an actual result, etc. Therefore, please use these data after checking the aptitude in actual use environment. (2) The data contained within this catalogue can only be taken as a guide. (3) A standard, a value, etc. are the purposes made legible, and may be performing an extract, recombination, arrangement, conversion, etc. of a value. (4) Although the maximum attention was paid in this data creation, Nippon Valqua Industries Ltd. will not accept responsibility for any loss incurred through error or omission. Please contact your distributor or VALQUA group if you have any questions.

© 2009 Nippon Valqua Industries, Ltd. All rights reserved.
Manufactured in Japan.



4655 Old Ironsides Dr., Suite 380
 Santa Clara, CA 95054, USA
 Tel (408) 986-1425
 Fax (408) 986-1426
www.valqua-america.com
info@valqua-america.com

