

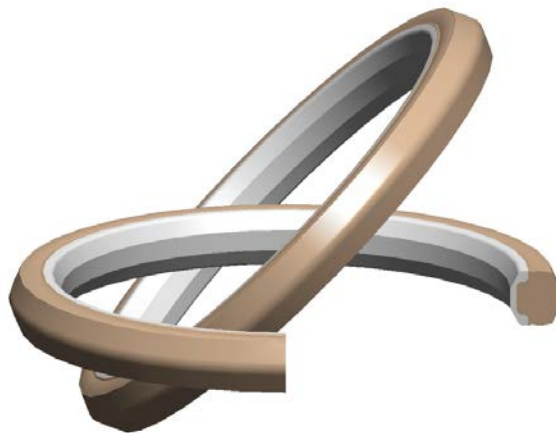
# VALQUA Semiconductor Industry Products

## VICTRA-ER®

PTFE/FKM Hybrid Seal

### ❖ Product & Benefits

**VICTRA-ER®** is a hybrid seal integrating the superior radical resistance of PTFE with the sealing stability of elastomers for static locations exposed to harsher chemistries.



### ❖ Featured Benefits

- Combines the Radical Resistance of PTFE with the Sealing Ability of FKM for Extended Seal Life and Performance
- Can be Designed for Existing O-Ring Grooves without Additional Machining
- Available in Both Adhesive and Snap-In Types

### ❖ Applications

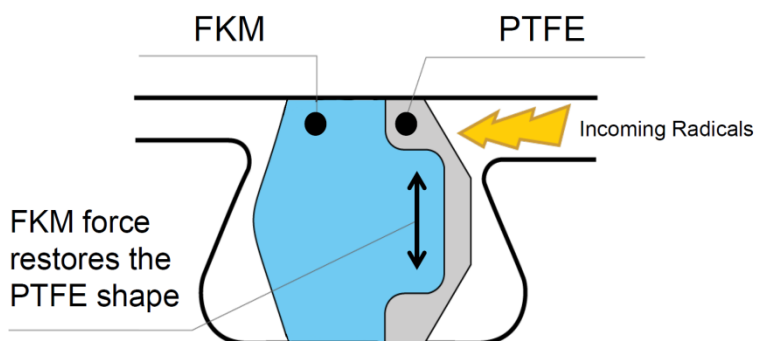
- CVD, Etch, Epitaxy Equipment exposed to harsh process environments
- Exhaust locations for enhanced chemical resistance

### ❖ Contact Us

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### ❖ Design Concept

	FFKM	FKM	PTFE	VICTRA- ER® (PTFE/FKM)
<b>Sealing Ability</b>	Fair	Excellent	Poor	Excellent
<b>Radical Resistance</b>	Good	Fair	Excellent	Excellent



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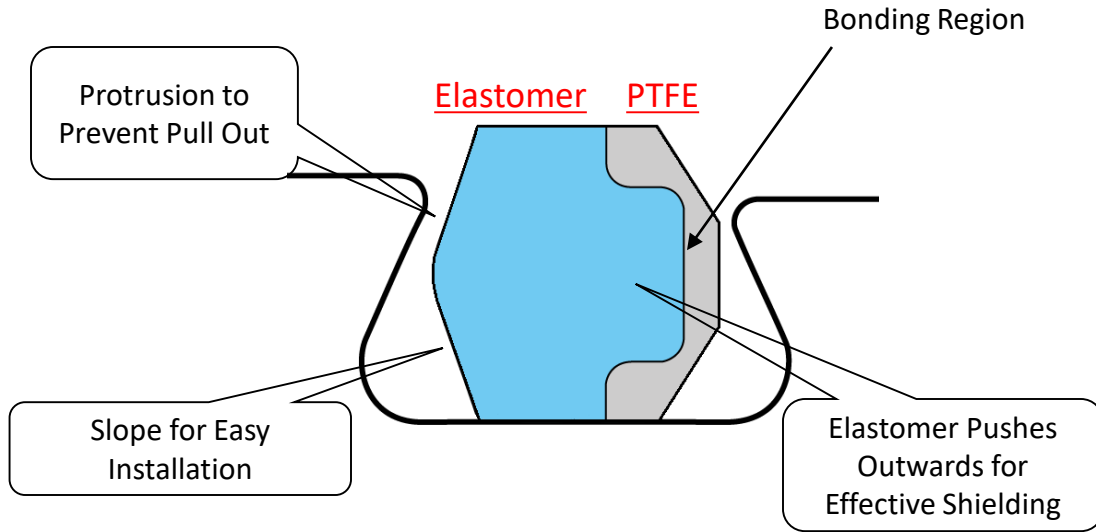


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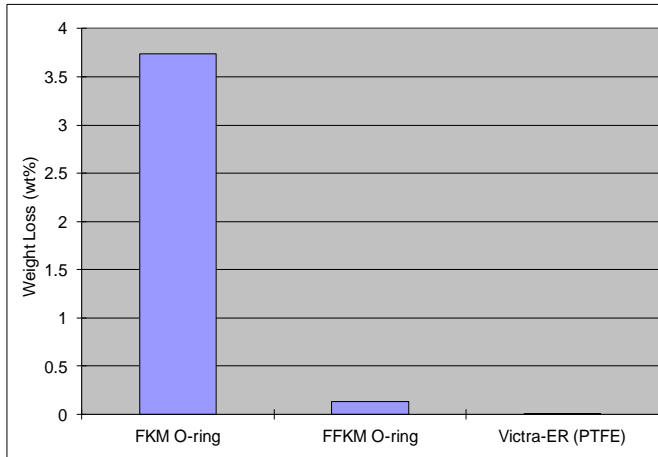
# Additional Information

# VICTRA-ER®

## ❖ Seal Design



## ❖ Radical Resistance



### Evaluation Conditions

Gas	O <sub>2</sub> : CF <sub>4</sub> = 9 : 1 (200sccm)
Plasma power	RF500W
Irradiation time	30 hours
Size	AS568-214