

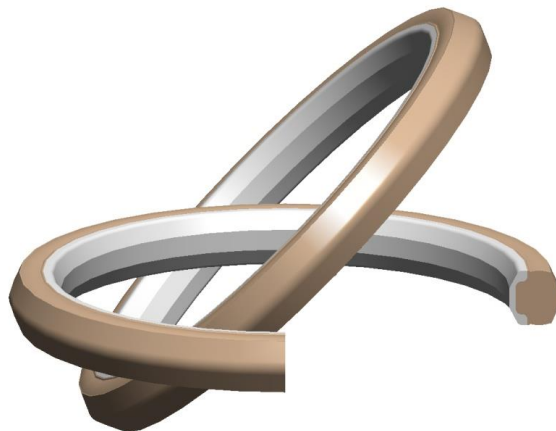
VALQUA Semiconductor Industry Products

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

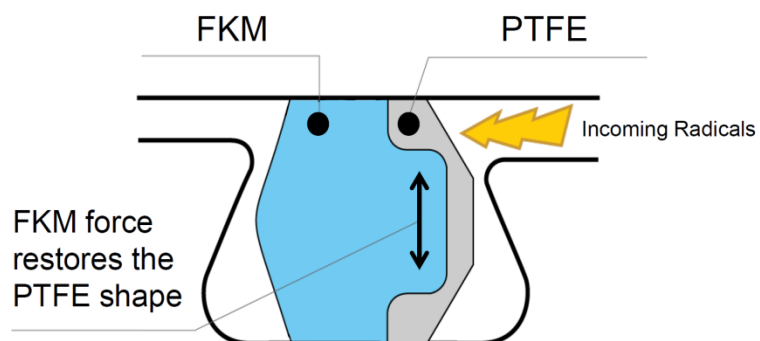
- CVD, Etch, Epitaxy Equipment exposed to harsh process environments
- Exhaust locations for enhanced chemical resistance

❖ Contact Us

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❖ Design Concept

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



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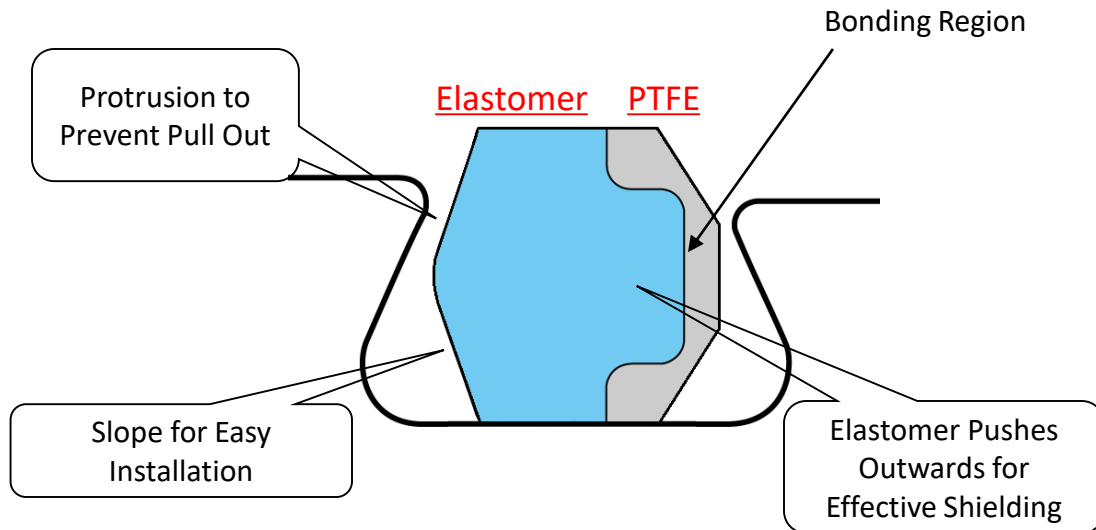


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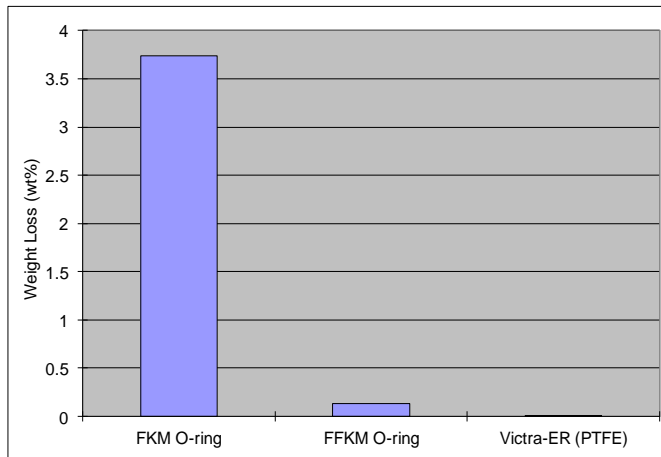
Additional Information

VICTRA®-ER

❖ Seal Design



❖ Radical Resistance



Evaluation Conditions

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