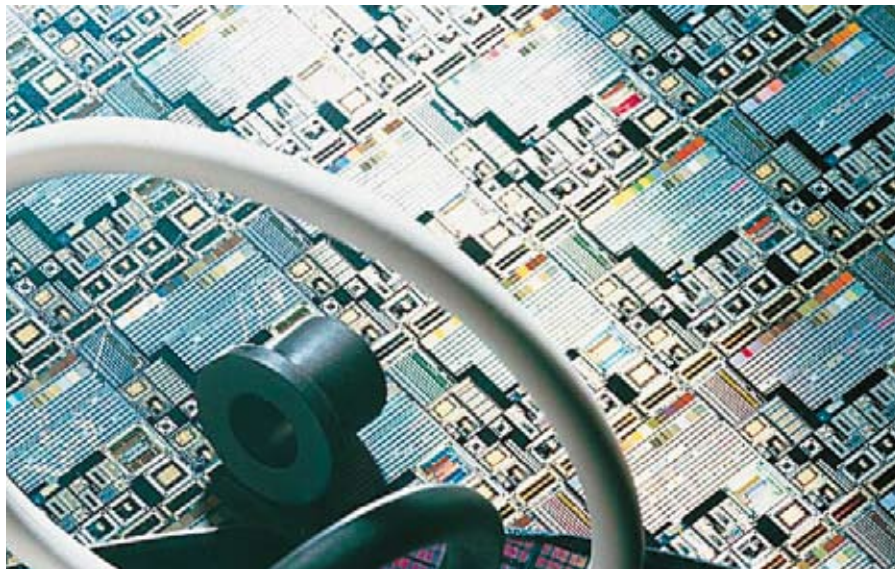




Sealing Elements: Overview High Purity Compounds For the Semicon Industry

know-how makes the difference

ERIKS



High Performance O-rings and custom moulded parts

Selecting the right elastomer is a balance of material and design. All ERIKS compounds listed below are produced from listed ingredients. We distinguished the following grades:

High Performance O-rings with Certificates

Compound Number	Material	Hardness IRHD±5	Application	Certificates	Colour	Temperature Resistance °C
Silicone 714229	VMQ	50	Good compression set/outgassed	red	-60/+220	
Kalrez® Sahara™ 8475	FFKM	60	Very low outgassing Good compression set resist. Semiconductor industry		white	300
Plasma comp. 8575		62	Excellent (low) compress. set Semicon industry			
Kalrez® Sahara™	FFKM	74	Very low outgassing		white	300
Kalrez® 2037	FFKM	79	Plasma & semiconductor industry / high purity elastomer		white	210
Kalrez® Sahara™ 8385	FFKM	83	Very low outgassing Semiconductor industry Good thermal stability		white	275
Teflex Silicone	VMQ FEP/PFA	70	High performance encapsulated O-ring	FDA 177.1550 USP class VI ADI	red	-60/+260
Teflex Viton®	FKM FEP/PFA	75	High performance encapsulated O-ring	FDA 177.1550 USP class VI ADI	black	-20/+200
SCVBR		75	Special purity compound		chestnut	-20/+200
Kalrez® 8900	FFKM	83	Low outgassing		black	325

Compounds for the Semicon Industry