

Kalrez® Perfluoroelastomer Parts

For Proven Reliability in Aggressive Wafer Processing Environments



Kalrez® Delivers Outstanding Performance

The success of Kalrez® perfluoroelastomer parts are field proven in the manufacture of semiconductors, where processing steps can involve extremes of plasma, chemical, and thermal exposure. Since purity is critical to high wafer yield, reducing contamination from particulates, outgassing and extractables caused by seal deterioration are major goals of semiconductor fabricators. Whether it's in plasma and gas deposition, thermal or wet environments, manufacturers gain seal reliability and process purity that is backed by more than 30 years of success with Kalrez®.

Kalrez® parts are manufactured in ISO 9000 registered facilities and are available in a wide variety of finished products—from conventional seal shapes, bonded door seals to custom geometries. Various Kalrez® compounds are available that can meet the performance demands of specific equipment and processing applications.

Benefits

- Offers outstanding plasma, chemical, and thermal resistance
- Improves yields, reduces cost of ownership
- Lowers particle generation in plasma and gas deposition
- Reduces outgassing and contamination in thermal and wet applications



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