



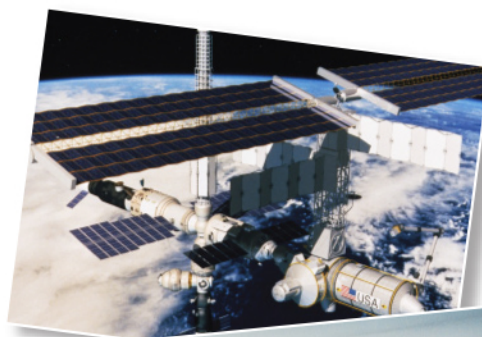
## GUMLAST® PERFLUOROELASTOMER PARTS:

Gumlast® is 100% pure perfluoroelastomer (FFKM) made from the very same backbone polymer major brands like Kalrez® and Chemraz® are made from. Gumlast® has been tested and benchmarked against leading perfluoroelastomer (FFKM) brands and showed superb properties when exposed to harsh environments.

Utilizing the latest cross-linking and reinforcement techniques, multiple grades have been formulated to optimize the performance of the molded perfluoroelastomer parts in many different applications. Advanced polymer chemistry helps maintain seal integrity, reduce maintenance costs and reduce operating costs while improving safety without compromising quality. Gumlast® perfluoroelastomer parts provide reliable, long-term service with a wide range of aggressive industrial and electronic grade chemicals.

Gumlast® perfluoroelastomer parts are used in highly aggressive chemical processing, semiconductor processing, pharmaceutical, oil exploration, gas exploration, aerospace and petroleum applications. Gumlast® perfluoroelastomer parts are manufactured in state of the art, highly modernized and ISO 9000 certified production facilities with very high line yield.

Kalrez® is a Registered Trademark of DuPont Performance Elastomers.  
Chemraz® is a Registered Trademark of Greene-Tweed Corporation.



"Beyond Today, Meeting Tomorrow's Demands."

48511 Warm Springs Blvd., Suite 213, Fremont, CA 94539

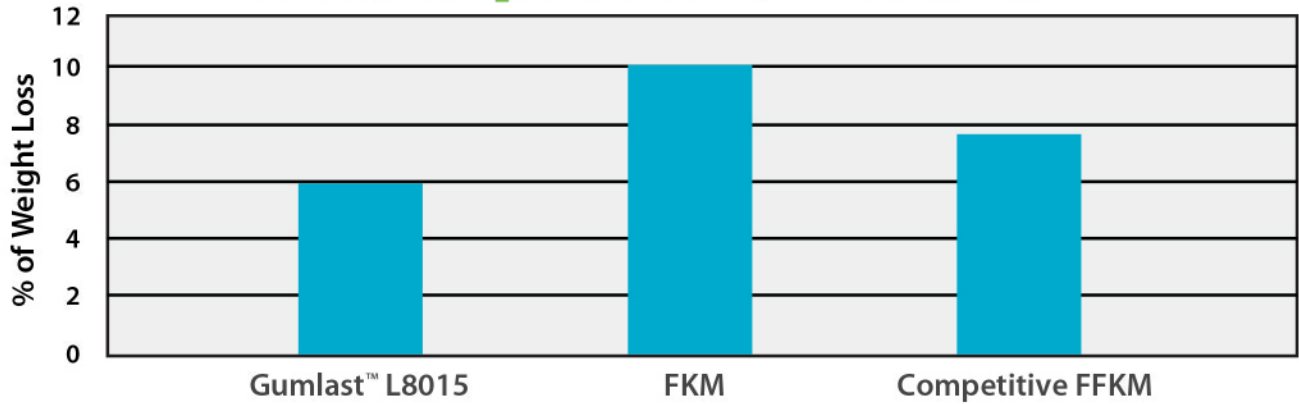
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[www.FloDynamix.com](http://www.FloDynamix.com)

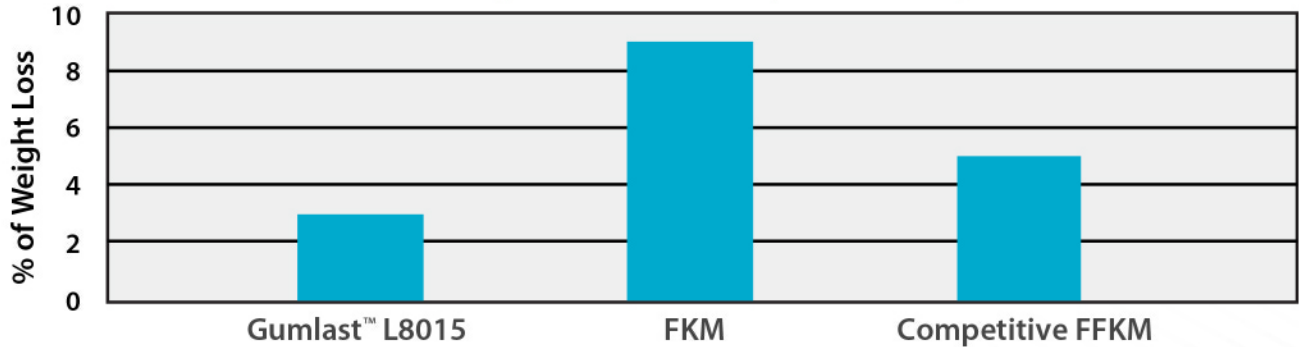
# WHY GUMLAST® FFKM PARTS OUTPERFORM THE REST!

The key factor in Gumlast's superior performance over other perfluoroelastomers is "Pseudo-Living Polymerization." This proprietary technology delivers repeatable and consistent cross-linking of backbone monomers, thus removing performance-reducing variability of finished polymer common among most FFKM parts produced today.

## Etch Rate in O<sub>2</sub> Plasma 500 W, 750 mTorr, 6 Hrs.



## Etch Rate in CF<sub>4</sub> Plasma 500 W, 750 mTorr, 6 Hrs.



## 200mm Fab Hitachi M602 Metal Etcher Slit-Valve After 50K Wafer With Cl<sub>2</sub>, BCl<sub>3</sub>



Competitive FFKM with heavy white residue build-up



Gumlast L8010 with no build-up