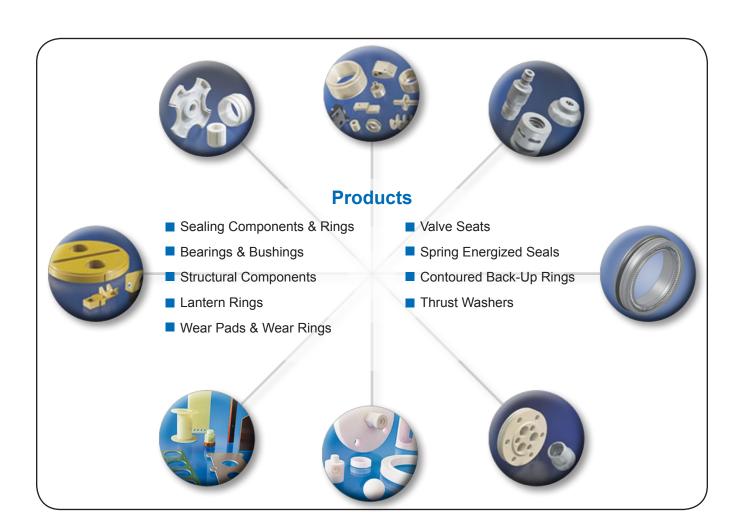


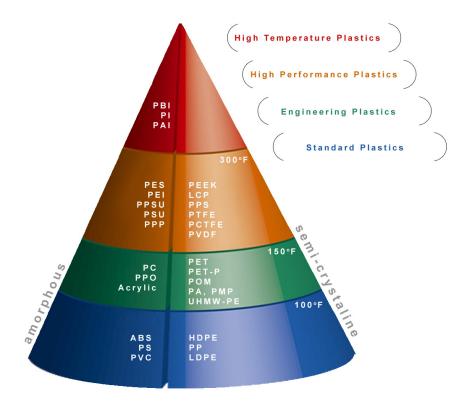
Expertise and experience to deliver tailored solutions.

ERIKS has been delivering precision engineered plastic products along with design and engineering support to our customers around the world for decades. Our experienced team of engineers and application specialists will work with you to solve your specific needs. ERIKS technical services range from standard and custom part design using the latest 2D/3D software to rapid prototype development all the way to full production of your parts at one of the ERIKS Fab facilities.



ERIKS Fab refers to our in-house manufacturing facilities that are close-tolerance, precision production facilities utilizing the latest CNC machining and turning equipment and staffed with the most knowledgeable and highly experienced personnel ready to meet your needs. ERIKS Fab is not just another machine shop making parts, we are able to ensure the highest level of quality and provide the most responsive and cost-effective production of precision plastic components possible.





Thermoplastic polymers can be divided into *amorphous* and *semi-crystalline* on the basis of their structure.

Amorphous plastics are normally transparent and are suitable for making precision parts due to their high dimensional stability.

Semi-crystalline plastics are opaque, mostly tough and show good or very good chemical resistance.

Plastics can also be differentiated according to their temperature resistance:

High-temperature plastics have short-term service temperatures of above 300 °F and have a high level of thermo-mechanical properties.

High performance plastics suitable for use with temperatures between 150 °F - 300 °F and provide superior chemical and wear resistance.

Engineering plastics can be used at temperatures between 100 °F - 150 °F and exhibit good mechanical properties and good chemical resistance.

Standard plastics can be used permanently at temperatures below 100 °F and are most suited for low stress applications.

ERIKS Seals & Plastics

1160 Mustang Drive, Suite 100 DFW Airport, TX 75261 Tel: 682.292.5060

ERIKS Technology Center

3856-A Cincinnati Ave Rocklin, CA 95765 Tel: 916.408.7295

ERIKS Midwest

5330 South Emmer Drive New Berlin, WI 53151 Tel: 262.785.1333

ERIKS Southwest

1160 Mustang Drive, Suite 100 DFW Airport, TX 75261 Tel: 682.292.5060

4690 Kendrick Plaza Drive Houston, TX 77032 Tel: 281.921.0563

ERIKS West

2230 Lind Ave. SW Bldg. C, Suite 110 Renton, WA 98057 Tel: 425.981.9900

46704 Fremont Blvd Fremont, CA 94538 Tel: 408.988.2291

1166 N. Knollwood Circle Anaheim, CA 92801 Tel: 714.826.2000

12480 NE Marx Street Portland, OR 97230 Tel: 503.206.5581

Turpen & Associates

11815 East Apache St. Tulsa, OK 74116 Tel: 918.665.0044

2708 S. Ann Arbor Ave Oklahoma City, OK 73128 Tel: 405.896.7600

eriksusa.com

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