

MICROMOLD Products at a Glance

The Company

Since 1950, MICROMOLD Products have manufactured a broad line of corrosion resistant plastic products for the process industries.

MICROMOLD specializes in standard and custom products made from PTFE, PFA, FEP and other high performance plastics such as Kynar® PVDF, polypropylene, PEEK, nylon, PCTFE, and UHMW polyethylene.

The company was one of the earliest processors of Chemours™ (formerly DuPont™) Teflon® resins and fabricators of Teflon® products, and has accumulated a wealth of know-how in this field. It has developed a number of proprietary manufacturing processes, with especially sophisticated capabilities in the manufacture of PTFE and other fluoropolymer machined parts and weldments.

The company's standard products are sold exclusively through process industry distributors. A complete product catalogue is available to qualified buyers and engineers.

The Products

The product line, which began with PTFE gaskets and seals, has grown to include a broad range of corrosion resistant plastic products for the process industries. These include such products as: a complete line of dip pipes and spargers, available in either solid PTFE, or PTFE lined and jacketed steel; complex reactor internals; PTFE valves; PTFE and Kynar® PVDF strainers; and the proprietary FLUOR-O-FLO® PTFE piping system.

The FLUOR-O-FLO® PTFE piping system has found broad application by the process industries in low pressure laboratory and process applications demanding extreme corrosion resistance, high temperature capability, and high purity. This solid PTFE system is often a solution where stainless steel, Hastelloy, or exotic metal systems will not suffice. The system is available in pipe sizes from 1/8" through 4".

MICROMOLD also makes a full line of CNC machined parts for process industry OEMs including virgin and reinforced PTFE, PEEK, and UHMW polyethylene ball valve seats, butterfly valve seats, pump seals, and instrumentation components. The company also makes a complete range of plastic screw machine parts for process industry OEMs and distributors.