



PTFE Caustic Container Systems for Chemical and Semiconductor Technology

Product information

- Rectangular and round containers
- Seamlessly injection molded
- Isostatically compressed
- Electronic control equipment
- Heaters
- Run-dry protection
- Thermal sensors
- Lids
- Supply blocks
- Water jet pumps
- Special accessory equipment



■ PTFE rectangular containers / PTFE-round containers

- Standard product line

We have significantly expanded our container line. All listed types can be manufactured on short notice with available tools and molds.

Standard wall and base thicknesses are 10 to 12 mm. The standard flange dimensions are 20 mm in width (including the container wall) and 15 mm in height.

■ Containers and accessories available in the following materials

- PTFE (Dyneon TF®)
traditional, proven material
- TFM (Dyneon TFM®)
specially sealed surface, free of pores

■ Accessories and options

- Inlet and outlet connectors seamlessly integrated into the containers and available in any number and design
- PTFE supply block, mounted on the container wall and corrosion resistant
- Loose PTFE lid with centered knob grip or hinged PTFE lid
- PTFE water jet pump, either as a stand-alone unit or integrated into the supply block
- Reduction options for standard container depths
- Thicker walls and bases
- Variations in flange dimensions

■ Complete electronic control system

- Electronic regulator to regulate temperature using heaters, thermal sensors, and level monitors.
- PFA-coated heating elements mounted under a perforated PTFE base plate, with integrated overheating protection and ground wire. Available in various output ranges up to 4,000 Watts for bath temperatures up to a maximum of 170° C.

Should none of the various options and designs listed meet your requirements, we can also create PTFE or TFM containers in designs and dimensions according to your specifications.

Your added costs resulting from expenses for molds and tools are relatively minor and lie well below those generally incurred for the manufacture of injection molds (e.g., for processing other fluoroplastics such as PFA or FEP).