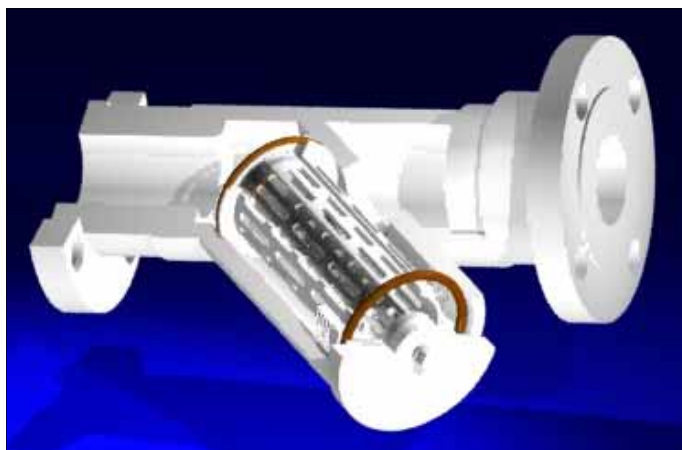


FLUOR-O-SHIELD™  
**PVDF & PTFE Y-Strainers**

**Removable PTFE Strainer Cartridge with Fluoropolymer Screen**  
**Flanged • NPT • Socket Weld • Tri-Clamp**



- Available Nominal Size Ranges: 1/8" through 4"
- Standard end connections include:
  - \* ANSI Class 150 flanged
  - \* Socket – IPS or metric sizes (PVDF units only)
  - \* Female NPT
  - \* Tri-Clamp
  - \* Other connections available include ISO metric flanges, and true-union
- Particle sizes strained: 1 to 25,400 microns (0.00003" to 1") using either membranes, mesh screens, or drilled holes. Please refer to our *Strainer Screens Technical Bulletin* for details.
- Minimum 2:1 open area ratio when used with 48% or higher open area mesh
- All wetted materials are fluoroplastic:
  - \* Body and Connections: Kynar® PVDF or MICROFLON™ special Virgin PTFE
  - \* Screen: Tefzel® ETFE or alternates
  - \* Cartridges and Drain Plugs: PTFE
  - \* Seals: FEP encapsulated silicone rubber o-ring. PFA encapsulated or other o-ring materials can be supplied.

Micromold's FLUOR-O-SHIELD™ PVDF and PTFE Y-Strainers are especially well suited for use in removing suspended solids from extremely corrosive or high-purity fluid streams. They help prevent damage to sensitive downstream process components such as pumps, valves, instruments, and spray nozzles. The benefits of our special design include:

- All fluoroplastic construction that provides far greater corrosion resistance and higher operating temperature capability than PVC, CPVC, or polypropylene units
- Available with a variety of end connections and screen mesh sizes
- Both PTFE and PVDF strainers feature a removable, and easily cleaned PTFE cartridge with fluoropolymer screen. Teflon® FEP encapsulated silicone rubber o-ring seal combined with machined seat on cartridge prevents blow-by
- Knurled cap for easy strainer cartridge removal and clean-out. Teflon® FEP encapsulated silicone rubber o-ring seal combined with machined seat on cap prevents external leakage
- PTFE plug allows drainage of residual liquids before cartridge removal
- Installation can be either horizontal or vertical

For similar benefits where greater strainer capacity is needed, ask about Micromold's FLUOR-O-SHIELD™ Basket Strainers.

**Also available:**  
**FLUOR-O-SHIELD™ PVDF & PTFE Y-Strainers**

- [Product Specifications](#)
- [Installation and Maintenance Guide](#)
- [Strainer Screens Technical Bulletin](#)