

FLUOROPOLYMER ACCESSORIES FOR GLASS-LINED VESSELS & COLUMNS

Nozzle and Manway Repair Shields

Pfluoro-Pfix™ & Easy-Fix™ Nozzle Repair Shields are used to repair damaged glass-lined steel on the flange face or radius of nozzles where an "outside shield" tantalum repair would otherwise be used. The Repair Shield contains no metal components which can contaminate sensitive batches. Request PEP data sheet #111.

Pfluoro-Pfix & Easy-Fix Manway Repair Shields are stocked in three standard manway sizes, 18" round or 12" x 16" and 14" x 18" elliptical to fit standard glass-lined steel manway dimensions. Custom sizes are available for larger openings. The shield comes complete with filler and installation tools and instructions. Request PEP data sheet #118.



PTFE Manway Repair Shields

Nozzle Repair Shields

Inside/Outside Repairs

The revolutionary, stud-free EasyLiner™ repairs any round top or bottom nozzle quickly and easily. Now covering larger areas than ever, including failed tantalum repairs, the versatile EasyLiner installs in less than two hours, with no previous installation experience needed, and offers a wider variety of stock sizes. Request PEP data sheet #122.



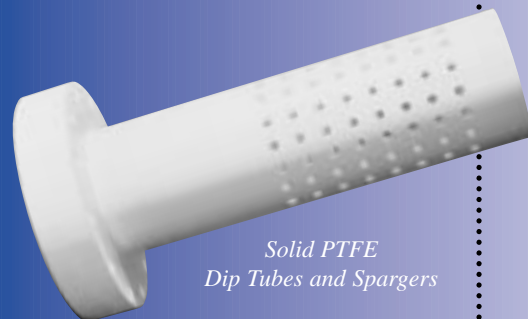
PTFE Lined Inside/Outside Nozzle Repair Sleeve

PTFE Lined and Jacketed Dip Tubes and Spargers

PEP PTFE lined and jacketed dip tubes and spargers combine the superior corrosion resistance of isostatically molded PTFE with the strength and rigidity of steel. They are recommended for use in temperatures up to 450° F. PEP can determine maximum length for agitation conditions. PEP will custom design each sparger for optimum performance at given flow conditions. Request PEP data sheets #126 and #127.



PTFE Lined and Jacketed Dip Tubes and Spargers



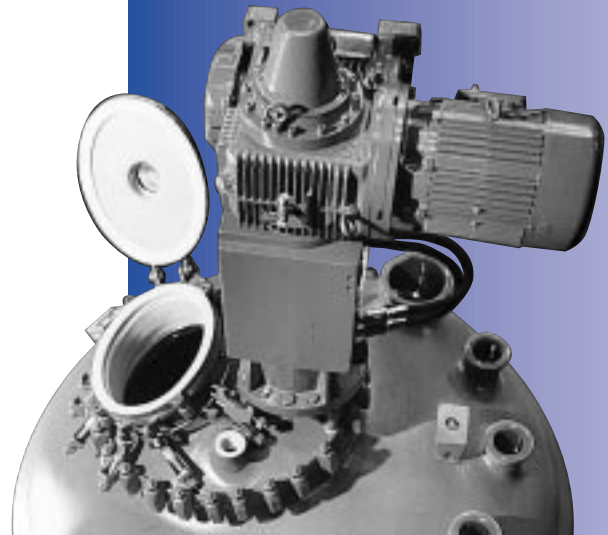
Solid PTFE Dip Tubes and Spargers

Solid PTFE Dip Tubes and Spargers

PEP solid PTFE dip tubes and spargers are fabricated from isostatically molded, heavy-wall PTFE tubing. Straight or bent designs are suitable for non-agitated services for temperatures up to 350° F. PEP will custom design each sparger for optimum performance at given flow conditions. Request PEP data sheet #128.

Call us for a no obligation consultation!

PEP IS PROUD TO ANNOUNCE A DRAMATIC BREAKTHROUGH IN GLASS LINED REACTOR REPAIRS



*PTFE Lined Protection
Ring and Cover*

Flouroschild Teflon® Lining and Coating Systems “Provides years of worry-free service in your most challenging applications.”

- **Recycle** your old glass lined vessels
- Completely eliminate expensive disposal costs
- PEP can provide field technicians for on-site repairs to existing glass lined nozzles and manways
- PEP's door to door service eliminates shipping and handling costs. PEP will pick up your old reactors and return a new Teflon® Lined Reactor
- Field and delivery crews are fully certified and insured
- Agitator repairs and service
- Agitator shafts, blades, etc, re-coated and balanced
- Our in house chemical and application engineers will address all technical issues
- Complete turnkey process systems including validation services.

Features:

- Operating temperature range -58° to 400°F
- Excellent Chemical Resistance
- PH Range 0 - 14
- Thickness .060” (60 mils)
- Spark test 10kv
- Suitable for Vacuum Service
- All Substrates Compatible (except high copper content)
- Field Repairable
- Custom linings, coatings, and fabrications