

PTFE static mixers are excellent for strong acid and corrosive chemical applications.

PTFE (Teflon) has great chemical resistance, but poor physical strength. PTFE mixers either need to be used at lower hydraulic pressures, or if a higher pressure mixer is needed, a PTFE lined carbon steel or stainless steel pipe system is used.

These mixers have solid stainless steel mixing elements that are coated in a 1mm PTFE coating. Internal elements can be made up of solid PTFE as well. These mixers have elements that are available in two material configurations. The exterior of all Teflon lined mixers comes with an option of PTFE coating, or an epoxy coating using Sigma products to protect against damage from aggressive environments.

Static Inline Mixers with solid PTFE removable mixing elements and PTFE lined carbon steel housing for corrosive duties in all industries.

Typical applications include:

- acid dilution
- corrosive chemicals

