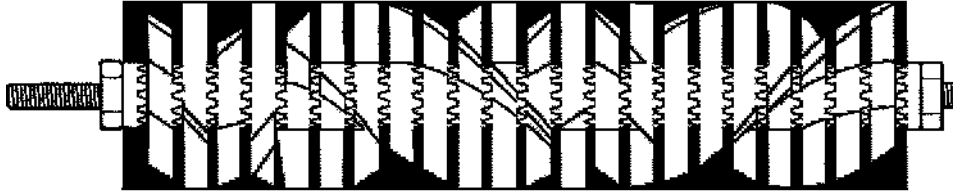




Static Mixers Series 50



Features & Application Guidelines

- For use with aggressive and corrosive chemicals. (see the Chemical Resistance Chart on our website)
- In a performance class with Alloy 20, Monel¹ and Hastelloy²
- Recommended for general chemical, petrochemical, hydrocarbon refining, caustics, pulp and paper and other demanding and fast reaction applications
- Exclusive design produces 50% more mixing action
- Shorter blend time and more even shear rate distribution
- Permits rapid response time in continuous dosing and sampling systems to optimize chemical usage and maintain consistent product quality
- Excellent for widely differing viscosities, densities, and fluids with unusual properties, such as polymers

ANSI Pipe Size, in.	Total Polychem Static Mixer Length, in.		
	Type 11	Type 22	Type 42
2	12.5	12.5	22.0
3	17.5	17.5	32.5
4	22.5	22.5	43.0

Note: The number of elements specified is dependent upon viscosity and flow rate

Specifications

- Available in 2-, 3- and 4-inch diameters
- Elements constructed of Tefzel³ an extremely strong and chemically inert material
- Withstand temperatures up to 250° F and pressures up to 150 psi
- 150# ANSI flanges are standard

Custom Options

- Multiple injection and sample ports at customer-specified locations
- Custom QA/Validation documentation and testing
- Designs to meet specific requirements for pressure drop and process result
- 300# ANSI flanges are available

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¹Monel is a registered trademark of Inco Alloys international

²Hastelloy is a registered trademark of Union Carbide

³Tefzel is a registered trademark of DuPont



135 Mt. Read Blvd.
Rochester, NY 14611 USA
www.lightnin-mixers.com