

# Static Mixers for Ozone Applications

## High efficiency static mixers

Static mixers dramatically improve the ozone mass transfer performance. Static mixers shear ozone bubbles apart resulting in a 22x increase in the surface area and contact time.



### Features

- completely ozone compatible
- Simple, rugged & economical
- No moving parts - no motors, impellers, etc.
- Low-cost, long life, no service required, and quick to install
- Available in a variety of sizes

Product ID: **STATIC MIXERS**  
 Stock: **Yes**

### Specifications

Connections MNPT: Sch. 40 PVC

Case: Clear Schedule 40 PVC - very impressive visual effect for clients!

Mixing element: 316L Stainless Steel or Black PVC (depending on size)

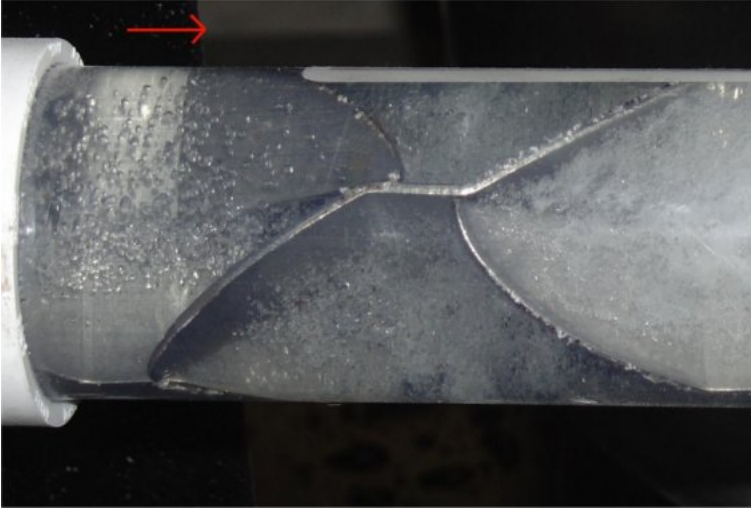
Installation Must be installed within 12-in prior to a contact tank

Warranty One Year

### Static Mixers

Model	Mixer Insert Material	Connections (MNPT)	Length (in)	Optimum Flowrate	Price	*
MX-375P	Black PVC	3/8-in	6.5	1.5-3 GPM	\$97.00	#196
MX-500P	Black PVC	1/2-in	7	3-6 GPM	\$109.00	#195
MX-750S	316L SS	3/4-in	6.5	7-15 GPM	\$139.00	#194
MX-1000S	316L SS	1-in	7	13-25 GPM	\$159.00	#193
MX-1500S	316L SS	1.5-in	11	28-56 GPM	\$195.00	#128
MX-2000S	316L SS	2.0-in	13	48-100 GPM	\$235.00	#129
MX-3000S	316L SS	3.0-in	24	100-225 GPM	\$575.00	
MX-4000S	316L SS	4.0-in	30	190-400 GPM	\$735.00	

## Close-Up of Static Mixer



Notice how the bubbles are made into a fine mist as they move from left to right resulting in significantly greater ozone mass transfer than using a venturi alone. Pipe size is 1-1/2" diameter. (picture taken at 1 millisecond exposure time)

## Mixers with PVC Insert



Image shows the MX-375P & MX-500P with PVC mixing element.