SERIES 340 — SPIRAL OR STATA-TUBE™ KYNAR® MIXER

The Series 340 Kynar® in-line, motionless mixers are designed for applications in which chemical compatibility or high temperature prevent the use of PVC, CPVC, or stainless steel. The mixers are modular—a benefit for more difficult applications requiring greater numbers of elements. Efficient mixing is achieved with minimal pressure drop across the mixer. For sizes 1" to 2", our Stata-Tube™ geometry is used.



Options

- **Pipe Mixers:** 0.125" to 2"
- **Process Mixers:** 0.75" to 2"

Specifications

- **Elements:** Kynar® (PVDF) plastic, removable
- **Housing:** Natural Kynar® plastic pipe
- **Pipe Mixer Ends:** MNPT threads
- **Process Mixer Flanges:** Kynar® Class 150, one-piece, flat-faced

SERIES 340 PIPE MIXER

PART NO.	MIXING ELEMENTS / STAGES	GEOMETRY	ID (INCH / MM)	OD (INCH / MM)	ENDS (MNPT)	LENGTH (INCH / CM)	PRESSURE LIMIT (PSI@73°F / BAR@30°C)
345-606	6	Spiral	0.235 / 5.97	0.405 / 10.29	1/8"	3.5 / 8.89	150 / 10.34
345-612	12	Spiral	0.235 / 5.97	0.405 / 10.29	1/8"	3.5 / 8.89	150 / 10.34
345-806	6	Spiral	0.373 / 9.47	0.540 / 13.72	1/4"	4.2 / 10.67	150 / 10.34
345-812	12	Spiral	0.373 / 9.47	0.540 / 13.72	1/4"	4.2 / 10.67	150 / 10.34
346-206	6	Spiral	0.500 / 12.70	0.675 / 17.15	3/8"	5.5 / 13.97	150 / 10.34
346-212	12	Spiral	0.500 / 12.70	0.675 / 17.15	3/8"	5.5 / 13.97	150 / 10.34
346-406	6	Spiral	0.633 / 16.08	0.840 / 21.34	3/8"	4.0 / 10.16	150 / 10.34
346-412	12	Spiral	0.633 / 16.08	0.840 / 21.34	3/8"	7.0 / 17.78	150 / 10.34
346-606	6	Spiral	0.793 / 20.14	1.050 / 26.67	3/4"	5.0 / 12.70	150 / 10.34
346-612	12	Spiral	0.793 / 20.14	1.050 / 26.67	3/4"	9.0 / 22.86	150 / 10.34
346-807	7	Stata-Tube™	0.957 / 24.31	1.315 / 33.40	1"	5.9 / 14.99	150 / 10.34
346-814	14	Stata-Tube™	0.957 / 24.31	1.315 / 33.40	1"	10.3 / 26.16	150 / 10.34
347-207	7	Stata-Tube™	1.500 / 38.10	1.900 / 48.26	1-1/2"	8.7 / 22.10	150 / 10.34
347-214	7	Stata-Tube™	1.500 / 38.10	1.900 / 48.26	1-1/2"	15.8 / 40.13	150 / 10.34
347-605	5	Stata-Tube™	1.939 / 49.25	2.375 / 60.33	2"	9.8 / 24.89	150 / 10.34
347-610	10	Stata-Tube™	1.939 / 49.25	2.375 / 60.33	2"	17.0 / 43.18	150 / 10.34

SERIES 340 PROCESS MIXER

PART NO.	MIXING ELEMENTS/ STAGES	GEOMETRY	ID (INCH / MM)	OD (INCH / MM)	ENDS (150" FLANGED)	LENGTH (INCH / CM)	PRESSURE LIMIT (PSI@73°F / BAR@30°C)
P-.75-R57-R61	6	Spiral	0.742 / 18.85	1.050 / 26.67	3/4"	5.0 / 12.70	150 / 10.34
P-.75-R57-R121	12	Spiral	0.742 / 18.85	1.050 / 26.67	3/4"	9.0 / 22.68	150 / 10.34
T-1-R57-R71	7	Stata-Tube™	0.957 / 18.85	1.315 / 33.40	1"	6.0 / 15.24	150 / 10.34
T-1-R57-R141	14	Stata-Tube™	0.957 / 18.85	1.315 / 33.40	1"	10.3 / 26.16	150 / 10.34
T-1.5-R57-R71	7	Stata-Tube™	1.500 / 18.85	1.900 / 48.26	1-1/2"	8.8 / 22.25	150 / 10.34
T-1.5-R57-R141	14	Stata-Tube™	1.500 / 18.85	1.900 / 48.26	1-1/2"	15.7 / 39.88	150 / 10.34
T-2-R57-R51	5	Stata-Tube™	1.939 / 18.85	2.375 / 60.33	2"	9.8 / 24.89	150 / 10.34
T-2-R57-R101	10	Stata-Tube™	1.939 / 18.85	2.375 / 60.33	2"	17.0 / 43.18	150 / 10.34

Did You Know?

Kynar®—also known as Polyvinylidene Fluoride (PVDF)—is a plastic which offers a combination of strength, abrasion resistance, chemical resistance, and working temperature of 280° F. It is chemically resistant to most acids, bases, and organic solvents and is ideally suited for handling chlorine, bromine, and other halogens. Because of its purity, natural (unpigmented) Kynar is the material of choice for the electronics, pharmaceuticals, and food/beverage processing industries.



Customer Service
High quality, fast delivery, competitive pricing, and superior customer service add up to the highest value for you.