

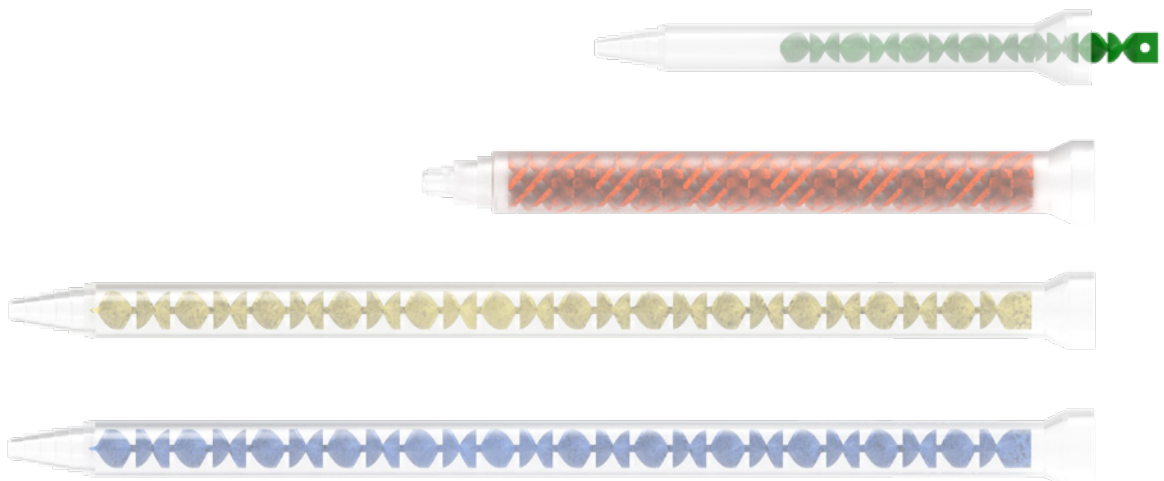
Innovation in Application



MIXPAC™ Machine Mixers

Efficient and Reliable

SULZER

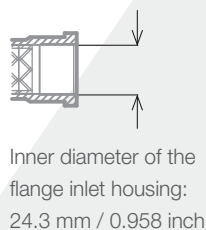
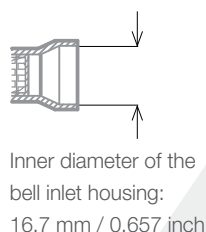
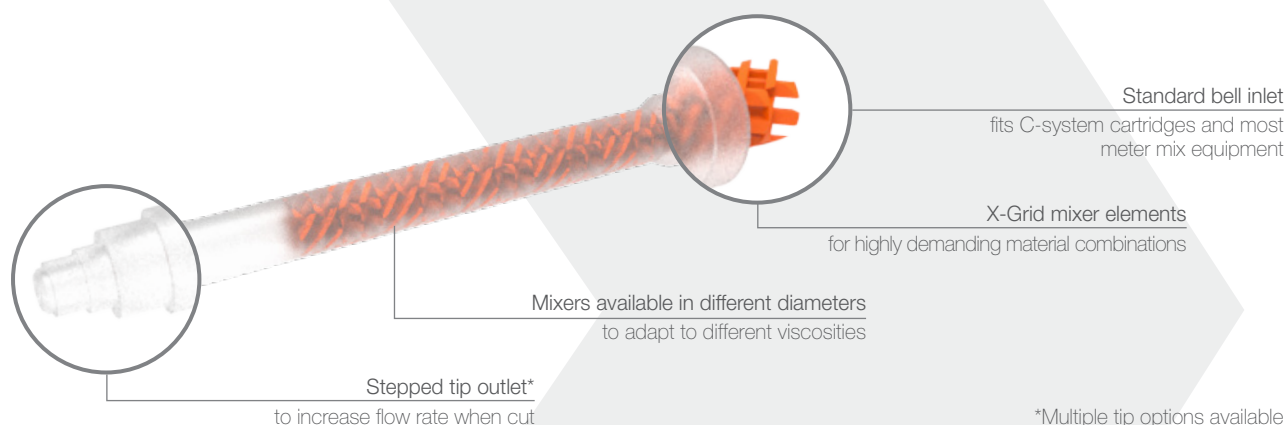


MIXPAC™ MP Series

Static Mixers with X-Grid Technology

Sulzer MIXPAC™ provides excellent mixing performance for challenging dispensing applications by using the X-Grid technology. Due to its geometry, mixing of 2-component adhesives with high densities or viscosity ratios are possible while unmixed zones are avoided:

- Designed especially for products which have high viscosity ratios
- Especially suited for difficult-to-mix resin / hardener systems, e.g. 2-component adhesives, epoxy, polyurethanes, silicones, resins or varnishes
- Optimal for materials with particles, such as fiberglass, plastic, and heat-conducting pastes
- Achieves maximum dispersion of insoluble media
- 3 times shorter than helical mixers, machine mixers with X-Grid technology can reduce waste up to 60%.
- Minimal material loss due to highly efficient mixing process



ID	Article	Number of Elements	Outer Diameter		Length		Waste Volume (mL)	Inlet Type	Tip Style**
			Ø mm	inch	mm	inch			
168025	MPP 9-14D	14	12.5	0.492	138	5.433	6.4	Bell	T
167879	MPP 9-20T-01*	20	12.5	0.492	235	9.252	12.5	Bell	T
167832	MPH 12-8T	8	14.7	0.579	118	4.646	9.5	Bell	T
167833	MPH 12-12T	12	14.7	0.579	161	6.339	12.8	Bell	T
167858	MPH 12-13T	13	14.7	0.579	161	6.339	12.4	Bell	T
167834	MPH 12-16T-01*	16	14.7	0.579	201	7.913	15.8	Bell	T
167871	MPF 10-6T	6	14.7	0.579	115	4.528	8.9	Bell	T
167872	MPF 10-9T	9	14.7	0.579	155	6.102	11.5	Bell	T
167873	MPF 10-12T	12	14.7	0.579	182	7.165	14.0	Bell	T
167877	MPF 21-7T	7	29.3	1.154	305	12.008	105.5	Bell	T
167874	MPF 21-9T-01*	9	29.3	1.154	305	12.008	97.5	Flange	T
167875	MPF 21-12T	12	29.3	1.154	385	15.157	123.6	Flange	T
167876	MPF 21-15T-01	15	29.3	1.154	465	18.307	149.6	Flange	T
181652	MPF 21-15-02	15	29.3	1.154	465	18.307	149.6	Thread	T
181654	MPF 21-15-03	15	29.3	1.154	465	18.307	149.6	Flange	G
181655	MPF 21-15-04	15	29.3	1.154	465	18.307	149.6	Thread	G

* Variations available. Please contact your local sales representative for additional information

** T = Stepped, D = Straight, L = Slip Luer, G = Threaded

MIXPAC™ ME/MS Series

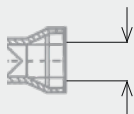
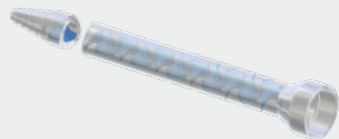
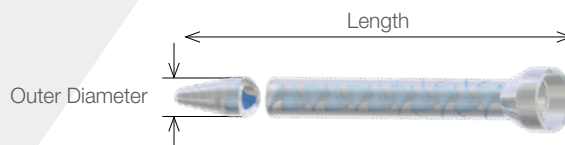
Static Helical Mixers

MIXPAC™ ME/MS static mixers portfolio provides an efficient and reliable solutions for 2-component mixing when used with meter mix equipment:

- Universal usage for high and low viscosity mixing
- Ideal for silicones, urethanes and epoxy adhesives
- Available in two different inlet diameters to fit most meter mix and dispensing systems
- Helical mixing element made from Acetal (POM), mixer housing made from Polypropylene
- Disposable plastic mixers

For safety reasons, MIXPAC™ ME/MS static mixers must be used with shrouds.

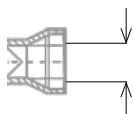
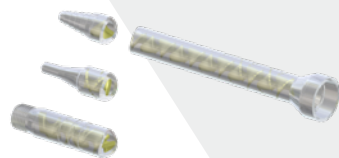
MIXPAC™ ME Series



Inner diameter of the
bell inlet housing:
15.9 mm / 0.625 inch

ID	Article	Number of Elements	Outer Diameter*		Length		Waste Volume (mL)	Tip Style**
			Ø mm	inch	mm	inch		
102448	ME 05-24T	24	8.0	0.315	149	5.866	2.3	T
102449	ME 05-32T	32	8.0	0.315	188	7.402	2.8	T
102450	ME 06-24T	24	10.0	0.394	185	7.283	4.2	T
102451	ME 06-32T	32	10.0	0.394	234	9.213	6.6	T
102452	ME 06-48T	48	10.0	0.394	334	13.150	10.0	T
102453	ME 08-24T	24	12.0	0.472	223	8.780	8.5	T
102454	ME 08-32T	32	12.0	0.472	287	11.299	11.5	T
102456	ME 10-24T	24	14.0	0.551	276	10.866	16.0	T
102457	ME 10-32T	32	14.0	0.551	352	13.858	23.0	T
102455	ME 1012-0832T	44	14.0 12.0	0.551 0.472	409	16.102	19.2	T
102459	ME 13-24T	24	17.0	0.669	293	11.535	26.4	T
102461	ME 13-32T	32	17.0	0.669	379	14.921	33.7	T
102458	ME 1312-1032T	44	17.0 14.0	0.669 0.551	499	19.646	37.5	T

MIXPAC™ MS Series



Inner diameter of the
bell inlet housing:
16.7 mm / 0.657 inch

ID	Article	Number of Elements	Outer Diameter*		Length		Waste Volume (mL)	Tip Style**
			Ø mm	inch	mm	inch		
102503	MS 05-24T	24	8.0	0.315	148	5.827	2.3	T
102504	MS 05-32T	32	8.0	0.315	188	7.402	2.8	T
102505	MS 06-24T	24	10.0	0.394	185	7.283	4.2	T
102506	MS 06-32T	32	10.0	0.394	234	9.213	6.6	T
102507	MS 06-48T	48	10.0	0.394	334	13.150	10.0	T
102508	MS 06-56D	56	10.0	0.394	378	14.882	11.0	D
102509	MS 06-56L	56	10.0	0.394	392	15.433	11.0	L
102510	MS 08-24T	24	12.0	0.472	223	8.780	8.5	T
102511	MS 08-32T	32	12.0	0.472	287	11.299	11.5	T
102513	MS 10-18T	18	14.0	0.551	214	8.425	12.3	T
102514	MS 10-24T	24	14.0	0.551	276	10.866	16.0	T
102515	MS 10-32T	32	14.0	0.551	352	13.858	23.0	T
102512	MS 1012-0832T	44	14.0 12.0	0.551 0.472	409	16.102	19.0	T
113743	MS 13-12G	12	17.0	0.669	159	6.256	15.6	G
102517	MS 13-18G	18	17.0	0.669	223	8.780	21.6	G
102518	MS 13-24T	24	17.0	0.669	293	11.535	27.0	T
102522	MS 13-32G-01	32	17.0	0.669	373	14.685	34.5	G
102520	MS 13-32T	32	17.0	0.669	379	14.921	34.5	T
102516	MS 1312-1032D	44	17.0 14.0	0.669 0.551	494	19.449	37.5	D

* Dimensions are nominal values

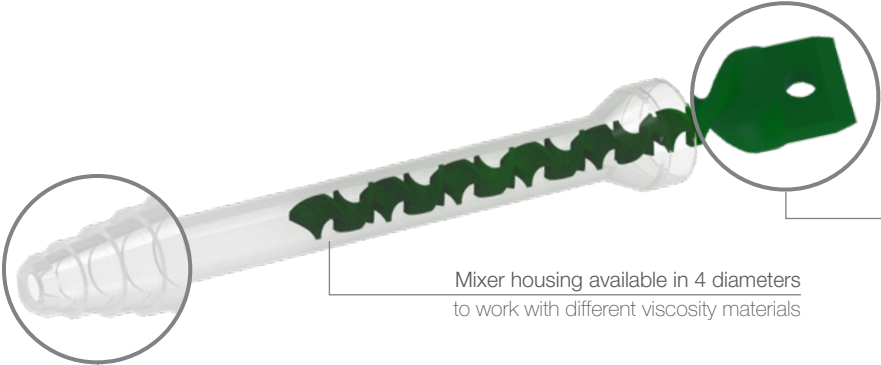
** T = Stepped, D = Straight, L = Slip Luer, G = Threaded

MIXPAC™ MSR Series

Rotary Helical Mixers

MIXPAC™ MSR rotary mixers are specifically designed for use with dynamic meter mix and dispense equipment. Very effective for hard to mix low viscosity silicones, urethanes and epoxies:

- Highly effective for mixing of components with high viscosity difference
- Disposable mixers eliminate costly cleaning procedures and decrease equipment down time
- Intensified rotation mixing process allows for superior mixing quality with a reduced number of mixing elements
- Mixer length up to 70% shorter versus static mixers also results in significant material waste reduction and an increase in process efficiency.



Mixer housing available in 4 diameters to work with different viscosity materials

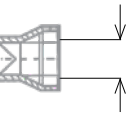
Mixer elements out of POM to withstanding high pressures of meter mix dispense equipment**

Stepped tip outlet* to increase flow rate when cut

*Multiple tip options are available for MS Series Industrial range
**Hole to attach the MSR mixers to the dynamic mixing equipment

Length

Outer Diameter



Inner diameter of the bell inlet housing:
16.7 mm / 0.657 inch

ID	Article	Number of Elements	Outer Diameter		Length		Waste Volume (mL)	Tip Style **
			Ø mm	inch	mm	inch		
102499	MSR 06-12T	12	10.0	0.394	111	4.370	4.1	T
102500	MSR 08-12T	12	12.0	0.472	130	5.118	6.1	T
102501	MSR 10-12T	12	14.0	0.551	155	6.102	9.9	T
102502	MSR 13-12T	12	17.0	0.669	197	7.756	18.1	T

** T = Stepped, D = Straight, L = Slip Luer, G = Threaded



MIXPAC™ Shrouds and Accessories

High pressures associated with dispensing equipment require the use of shrouds:

- For ME and MS Series Machine Mixers
- Prevent the mixer housing from expanding
- Ensure an optimal mix quality and safe operation
- Made from anodized aluminum and reusable
- Ensures precise tip alignment to the point of application



Luer lock adapters, made from PBT, can be installed onto the stepped tips of the mixers enabling the usage of needle tips or other accessories for your applications.



ID	Article	Luer Lock Color	Units/Box	Fits Mixers
102356	LA 05-00	○	2000	M... 05-..T
102357	LA 06-08	●	2000	M... 06-..T / M... 08-..T
102358	LA 10-00	●	2000	M... 10-..T

A blue-tinted photograph of an industrial robotic arm with a red protective cap, positioned over a work area in a factory. The background shows various industrial structures and equipment.

Who we are

Headquartered in Switzerland, Sulzer Mixpac Ltd is a renowned producer of all-in-one application systems for the adhesives industry. As part of the Applicator Systems (APS) division of the Sulzer Group Winterthur (CH), we have a strong background and offer expertise in engineering and manufacturing of cartridges, mixers and dispensers for the adhesive and sealant industry.

Our approach: committed people, operational excellence and a consistent stimulating partnership with our customers is what has led us to guarantee first class quality throughout the value chain. These principles make it possible to provide cutting edge technologies and services to many industries worldwide; this is what we hold on to!

Our long standing innovative experience has paved the way for both us and our customers to bring value added solutions, propriety technologies, sustainable leadership and additional market opportunities. By applying lean principles throughout the process, we strive to exceed customer expectations resulting in smart applications, easy to use products with high performance, long shelf life and sustainability.

Specialized applications or customized mixer and accessory solutions may be available upon request. Please contact your sales representative.

MIXPAC™ Machine Mixers

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