

Static Mixers

POLY DISPENSING SYSTEMS

S Y S T E M E S D E D O S A G E I N D U S T R I E L

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STATOMIX® ME series static mixers, when used with meter mix equipment, provide a low cost solution for 2-component mixing. The mixer element is molded of polyacetal to withstand the higher pressures of meter mix machines.

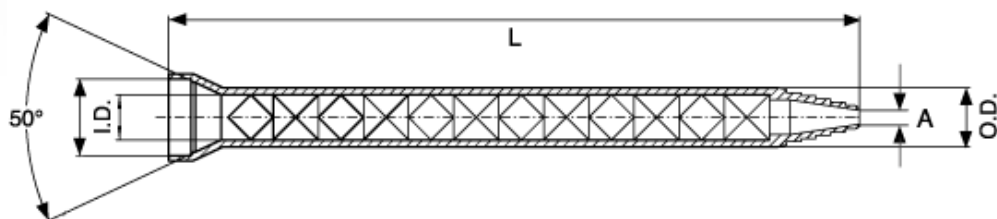
ME Series static mixers are also available with support washers. The washer will prevent the elements from extruding out the end of the housing when working with high pressure applications.

STATOMIX® ME static mixers are suitable for all types of meter, mix and dispensing systems.



TECHNICAL DATA

Outer Housing	Polypropylene	Elements	Polyacetal
Retaining Nuts	7/8» - 9 thread or 7/8» - 14 thread	I.D. Bell Inlet Housing	0.625 inches



Part No.	Inner Dia. I.D (mm)	Number of Elements	Outer Dia. O.D (mm)	Length L (mm)	Nozzle Dia. A (mm)	Approx. Content Vol (ml)
PDS-ME 05-24	5	24	8.0	149	1.5	2.3
PDS-ME 05-32	5	32	8.0	188	1.5	2.8
PDS-ME 06-24	6.35	24	10.0	185	1.9	4.2
PDS-ME 06-32	6.35	32	10.0	234	1.9	6.6
PDS-ME 06-48	6.35	48	10.5	334	2.2	10.0
PDS-ME 08-24	8	24	12.0	223	2.4	8.5
PDS-ME 08-32	8	32	12.0	287	2.4	11.5
PDS-ME 10-24	10	24	14.0	276	3.0	16.0
PDS-ME 10-32	10	32	14.0	352	3.0	23.0
PDS-ME 1012-0832	10 - 8	12 + 32	14.0 - 12.0	409	2.4	19.0
PDS-ME 13-24	13	24	17.0	293	4.0	27.0
PDS-ME 13-24	13	24	17.0	350	4.0	27.0
PDS-ME 13-32	13	32	17.0	379	4.0	34.5
PDS-ME 13-32	13	32	17.0	451	4.0	34.5
PDS-ME 1312-1032	13 - 10	12 + 32	17.0 - 14.0	499	7.2	37.5

STATOMIX® MS Series static mixers, when used with meter mix equipment, provide a low cost solution for 2-component mixing. The mixer element is molded of polyacetal to withstand the higher pressures of meter mix machines.

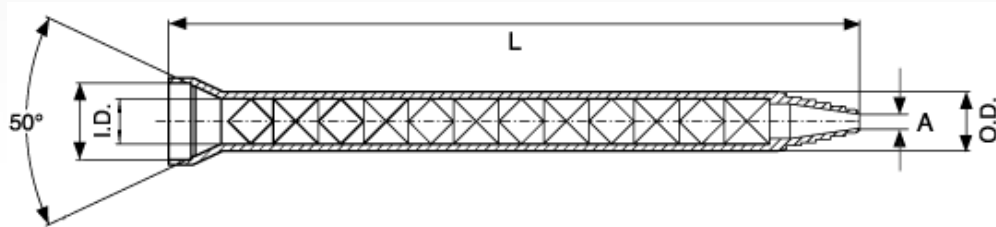
MS Series static mixers are also available with support washers. The washer will prevent the elements from extruding out the end of the housing when working with high pressure applications.

MS static mixers are suitable for all types of meter, mix and dispensing systems.



TECHNICAL DATA

Outer Housing	Polypropylene	Elements	Polyacetal
Retaining Nuts	7/8» - 9 thread or 7/8» - 14 thread	I.D. Bell Inlet Housing	0.657 inches



Part No.	Inner Dia. I.D (mm)	Number of Elements	Outer Dia. O.D (mm)	Length L (mm)	Nozzle Dia. A (mm)	Approx. Content Vol (ml)
PDS-MS 05-24	5	24	8.0	149	1.5	2.3
PDS-MS 05-32	5	32	8.0	188	1.5	2.8
PDS-MS 06-24	6.35	24	10.0	185	1.9	4.2
PDS-MS 06-32	6.35	32	10.0	234	1.9	6.6
PDS-MS 06-48	6.35	48	10.5	334	2.2	10.0
PDS-MS 06-56	6.35	56	10.5	392	1.9	35.2
PDS-MS 08-24	8	24	12.0	223	2.4	8.5
PDS-MS 08-32	8	32	12.0	287	2.4	11.5
PDS-MS 10-24	10	24	14.0	214	3.0	12.3
PDS-MS 10-24	14	24	14.0	276	3.0	23.0
PDS-MS 10-32	10	32	14.0	352	3.0	23.0
PDS-MS 1012-0832	10 - 8	12 + 32	14.0 - 12.0	409	2.4	19.0
PDS-MS 13-24	13	24	17.0	293	4.0	27.0
PDS-MS 13-24L	13	24	17.0	350	4.0	27.0
PDS-MS 13-32	13	32	17.0	379	4.0	34.5
PDS-MS 13-32L	13	32	17.0	451	4.0	34.5
PDS-MS 1312-1032	13 - 10	12 + 32	17.0 - 14.0	499	7.2	37.5
PDS MS 13-32-M	13	32	17.0	373	8.0	34.3

The STATOMIX® MA Series static mixers feature simple twist-lock mounting. The static mixers' first element automatically aligns itself precisely with the dividing wall of the MIXPAC® 50 cartridge, separating Part A and Part B. As a result of this patented design, the MA static mixer prevents curing at the interface of the cartridge.

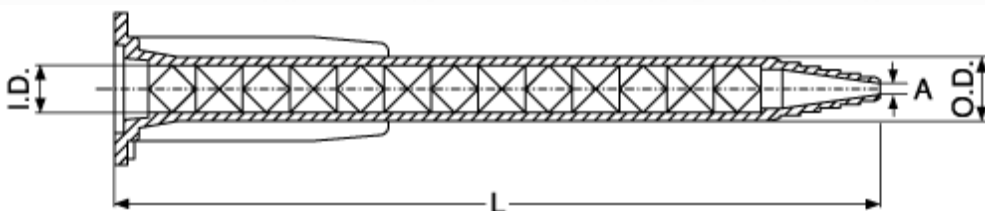
The MA Series static mixer comes in a wide variety of sizes and will mix virtually any 2-part material including epoxies, silicones, urethanes, acrylics and polyesters. MA Series static mixers can also be used for a wide variety of low-pressure meter mix applications.



TECHNICAL DATA

Outer Housing : Polypropylene Elements : Polypropylene [MA]
Acetalcopolymer [MX]

Retaining Method : Bayonet style, twist-lock



Part No.	Inner Dia. I.D (mm)	Number of Elements	Outer Dia. O.D (mm)	Length L (mm)	Nozzle Dia. A (mm)	Approx. Content Vol (ml)
PDS-MA 3-7-S	3.0	7	4.6	33.2	1.0	0.19
PDS-MA 3-13-S	3.0	13	4.6	50.6	1.0	0.29
PDS-MA 3-17-S	3.0	17	4.6	62.2	1.0	0.34
PDS-MA 4-13-S	4.0	13	5.8	66	2.0	0.60
PDS-MA 4-17-S	4.0	17	5.8	81.6	2.0	0.75
PDS-MA 5.4-7-S	5.4	7	7.6	55.7	1.5	0.78
PDS-MA 5.4-13-S	5.4	13	7.6	84.6	1.5	1.36
PDS-MA 5.4-7-S	5.4	17	7.6	103.6	1.5	1.68
PDS-MA 517-413	5.4+4.0	17+13	7.6-5.8	149	1.5	2.10
PDS-MA 5.4-21-S	5.4	21	7.6	124	1.5	2.01
PDS-MA 6.3-12-S	6.3	12	8.7	97	1.5	2.08
PDS-MA 6.3-17-S	6.3	17	8.7	128	1.5	2.92
PDS-MA 6.3-21-S	6.3	21	8.7	151.5	1.6	3.33
PDS-MA 6.3-21-S	6.3	21	8.7	153	1.5	3.57
PDS-MA 6.8-12-S	6.8	12	8.7	87.5	4.9	2.24

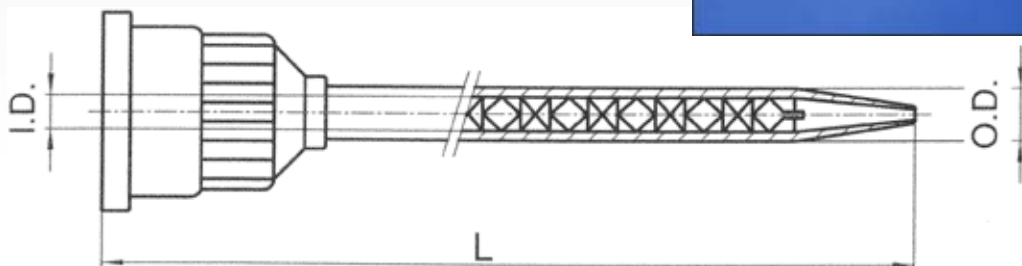
DATA SHEET MB and MBX Static Mixers

The STATOMIX® MB Series cartridge static mixers were developed for the MIXPAC® S-50 System. The unique interface with separated outlets between cartridge and static mixer eliminates the possibility of cross contamination and avoids plugged cartridges. An enhanced design of the mixer allows for the mixing and dispensing of higher viscosity adhesives. Higher dispensing pressures also allow for the use of smaller static mixers, promoting less waste. Shorter mixers make it easier to place mixed adhesive precisely where you want it. A color-coding system has been implemented with this new MIXPAC® S-50 System to help the user easily identify the appropriate cap and static mixer combination.

The MB and MBX Series static mixers come in a variety of sizes and will mix virtually any 2-part material including epoxies, silicones, urethanes, acrylics and polyesters.

TECHNICAL DATA

Outer Housing :	Polypropylene	Elements :	Polycetal
Retaining Method :		Twist-lock	



Part No.	Inner Dia. I.D (mm)	Number of Elements	Outer Dia. O.D (mm)	Length L (mm)	Approx. Content Vol (ml)
MB Series for Ratios 1:1 & 2:1					
PDS-MB 3.2-12	3.2	12	4.8	63.5	0.51
PDS-MB 3.2-16	3.2	16	4.8	76.5	0.59
PDS-MB 4.2-12	4.2	16	5.9	96.0	1.20
PDS-MB 5.4-16	5.4	16	7.0	111.8	2.04
PDS-MB 5.4-20	5.4	20	7.0	132.8	2.37
PDS-MB 6.5-16	6.5	16	8.2	132.0	3.14
PDS-MB 6.5-20	6.5	20	8.2	157.0	3.88
MBX Series for Ratios 4:1 & 10:1					
PDS-MBX 3.2-16	3.2	16	4.8	77.0	0.60
PDS-MBX 4.2-16	4.2	16	5.9	96.0	1.15
PDS-MBX 5.4-16	5.4	16	7.0	111.0	2.06
PDS-MBX 5.4-20	5.4	20	7.0	132.8	2.87
PDS-MBX 6.5-16	6.5	16	8.2	131.0	3.14
PDS-MBX 6.5-20	6.5	20	8.2	156.7	3.88

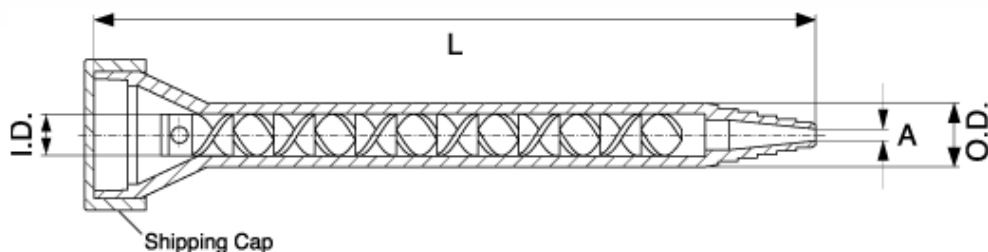
STATOMIX® MR series static mixers are designed for use with meter mix and dispense equipment. The MR static mixer provides an inexpensive solution for the dynamic mixing of low viscosity, 2-component adhesives. In dynamic mixing, unlike that of motionless mixing, the elements within the mixer rotate.

This makes the MR Series ideally suited for hard-to-mix foams and urethane elastomers. Its low cost allows the entire static mixer to be discarded, eliminating costly cleaning procedures associated with dynamic mixing. MR Series static mixers are designed with a modifiable stepped end which allows for increased outlet diameters.



TECHNICAL DATA

Outer Housing	Polypropylene	Elements	green Polyacetal
Retaining Method	Bell mouth style (i.d 16.7mm) for Retaining Nut with 7/8» - 9 thread		



Part No.	Inner Dia. I.D (mm)	Number of Elements	Outer Dia. O.D (mm)	Length L (mm)	Nozzle Dia. A (mm)	Approx. Content Vol (ml)
PDS-MR 06-12	6.40	12	10	111	1.9	N/A
PDS-MR 08-12	8	12	12	130	2.4	N/A
PDS-MR 10-12	10	12	14	155	3.0	N/A
PDS-MR 13-12	13	12	17	197	4.0	N/A

STATOMIX® MC and MCX Cartridge static mixers were developed for the MIXPAC® 200 and MIXPAC® 400 SYSTEMS. The unique element design achieves proper mixing with minimal resistance, which is highly beneficial for manually powered dispensing. In addition, the MCX version has a patented design that centers the smaller stream of catalyst in 4:1 and 10:1 formulations.

MC and MCX Series static mixers come in a wide variety of sizes and will mix virtually any 2-part material including epoxies, silicones, urethanes, acrylics and polyesters.

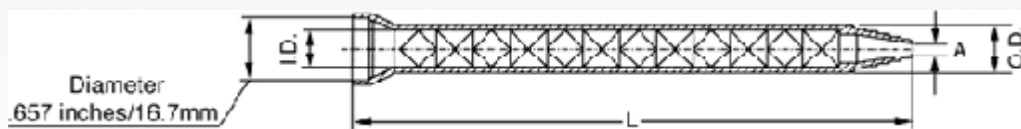
The MC Cartridge static mixer has an industry standard connection which allows it to be used with other large cartridge systems.

TECHNICAL DATA

Outer Housing Polypropylene Elements Polyacetal

Retaining Nuts

7/8" - 9 thread

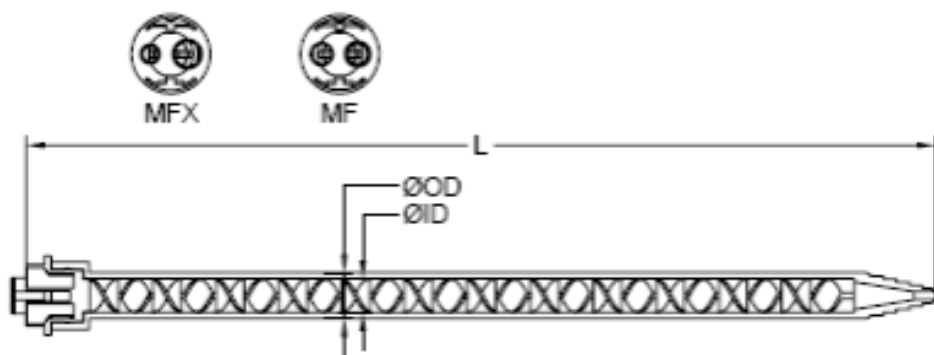


Part No.	Inner Dia. I.D (mm)	Number of Elements	Outer Dia. O.D (mm)	Length L (mm)	Nozzle Dia. A (mm)	Approx. Content Vol (ml)
PDS-MC 05-18	5	18	8.0	121	2.1	2.3
PDS-MC 05-24	5	24	8.0	149	2.3	2.8
PDS-MC 06-32	5	32	8.0	188	2.8	4.2
PDS-MC 06-18	6.35	18	10.0	149	3.6	6.6
PDS-MC 06-24	6.35	24	10.0	185	4.2	10.0
PDS-MC 06-32	6.35	32	10.0	234	6.6	35.2
PDS-MC 08-18	8	18	12.0	177	6.7	8.5
PDS-MC 08-24	8	24	12.0	223	8.5	11.5
PDS-MC 08-32	8	32	12.0	287	11.5	12.3
PDS-MC 10-18	10	18	14.0	214	12.3	23.0
PDS-MC 10-24	10	24	14.0	276	14.6	23.0
PDS-MC 10-32	10	32	14.0	352	21.8	19.0
PDS-MC 13-12	13	12	17.0	170	15.5	27.0
PDS-MC 13-18	13	18	17.0	231	21.0	27.0
PDS-MC 13-24	13	24	17.0	293	27.3	34.5
PDS-MC 13-32	13	32	17.0	379	35.4	34.5
MCX Series for Ratios 4:1 & 10:1						
PDS-MCX 08-18	8	18	12	182	2.4	6.7
PDS-MCX 08-24	8	24	12	230	2.4	8.5
PDS-MCX 10-12	10	12	14	155	3.0	9.6
PDS-MCX 10-18	10	18	14	215	3.0	12.3
PDS-MCX 10-24	10	24	14	275	3.0	14.6
PDS-MCX 13-12	13	12	17	192	4.0	15.5

DATA SHEET MF Static Mixers - Machine

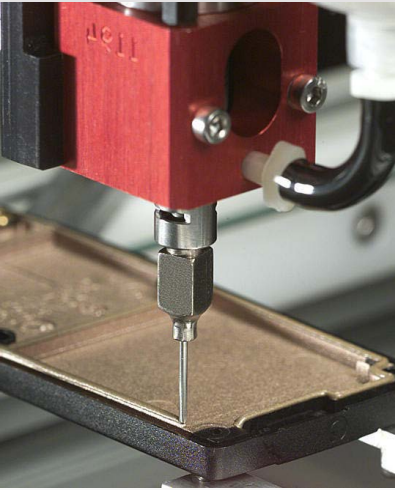
The STATOMIX® MF and MFX Cartridge mixers were developed for the MIX-PAC® F 200mL and MIXPAC® F 400mL Systems. The F System mixers feature a unique, state-of-the-art interface design between the static mixer and the cartridge. This interface features separated outlets which eliminates the possibility of cross contamination and curing at the mixer tip. An enhanced design of the static mixer allows for the mixing and dispensing of higher viscosity adhesives. Higher dispensing pressures also allow for use of smaller mixers, promoting less waste.

The MF and MFX Series mixers come in a variety of mixer sizes to accommodate ratios of 1:1, 2:1, 4:1 and 10:1. The MF and MFX mixers will mix virtually any 2-part material including epoxies, silicones, urethanes, acrylics and polyesters.



Part No.	Inner Dia. I.D (mm)	Number of Elements	Outer Dia. O.D (mm)	Length L (mm)	Nozzle Dia. A (mm)	Approx. Content Vol (ml)
MF Series for Ratios 1:1 & 2:1						
PDS-MF 06-18	6.40	18	10	156	1.8	4.36
PDS-MF 06-24	6.40	24	10	193	1.8	5.40
PDS-MF 08-18	8.00	18	12	187	2.4	7.40
PDS-MF 08-24	8.00	24	12	234	2.4	9.30
PDS-MF 08-32	8.00	32	12	296	2.4	11.85
PDS-MF 10-18	10.00	18	14	225	3.0	13.09
PDS-MF 10-24	10.00	24	14	284	3.0	16.89
PDS-MF 10-32	10.00	32	14	363	3.0	21.94
MFX Series for Ratios 4:1 & 10:1						
PDS-MFX 06-18	6.40	18	10	156	1.8	4.16
PDS-MFX 06-24	6.40	24	10	193	1.8	5.20
PDS-MFX 08-18	8.00	18	12	187	2.4	7.28
PDS-MFX 08-24	8.00	24	12	233	2.4	9.14
PDS-MFX 08-32	8.00	32	12	296	2.4	11.55
PDS-MFX 10-18	10.00	18	14	224	3.0	12.96
PDS-MFX 10-24	10.00	24	14	283	3.0	16.70
PDS-MFX 10-32	10.00	32	14	263	3.0	21.22

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