MC Series Round-Mouth Mixing Tubes

LS-DSP-008

MC series static mixing tubes have a round-mouth inlet for two-component cartridges and dispensing valves. They cover the widest size range we carry, from fine-bead tubes to large-bore tubes for high flow.

The range spans 4.8 to 17 mm body diameters, 3 to 13 mm mixing cores and 1 to 4 mm outlets, with 8, 16 or 24 elements. Lengths run from 38 mm (1.5 in.) to 293 mm (11.54 in.). Cores are white, yellow or green depending on size.

SKU	LENGTH (MM)	LENGTH (IN)	OD (MM)	COLOR
LS-DSP-008-MC3.0-8s	38	1.5	4.8	White
LS-DSP-008-MFC6-16	96	3.78	7.5	Green
LS-DSP-008-MC05-24	150	5.91	8	White
LS-DSP-008-MC08-24	223	8.78	12	
LS-DSP-008-MC10-24	276	10.87	14	
LS-DSP-008-MC13-24	293	11.54	17	Yellow

Mixing Tube Adapters and Connectors

LS-DSP-011

These adapters and connectors join two-part cartridges, cylinders and mixing tubes that were not made to fit each other. They let one mixer style serve more than one cartridge system.

The range covers three AB cylinder adapters with hole spacings of 23.5, 35 and 35.5 mm and interface ODs from 6.88 to 7.3 mm. Two converter heads, one 1:1 and one 10:1, turn a 400 or 490 ml cylinder into a short double-hole mixing tube. A blue connector with a 4.5 mm square hole matches our MC series round-mouth tubes. All are molded in PP or PE.

SKU	LENGTH (MM)	LENGTH (IN)	OD (MM)	MATERIAL	COLOR
LS-DSP-011-JT229					
LS-DSP-011-JT228					
LS-DSP-011-JT511	9.7	0.38		Plastic, PP or PE	Blue
LS-DSP-011-JT231	32.2	1.27	7.3	Plastic, PP or PE	
LS-DSP-011-JT233	41.5	1.63	6.88	Plastic, PP or PE	Clear
LS-DSP-011-JT232	42	1.65	7	Plastic, PP or PE	Clear

Round-Mouth Static Mixing Tubes

LS-DSP-004

Round-mouth static mixing tubes blend two-part adhesives such as epoxies, polyurethanes and silicones as they leave a two-component cartridge or a dispensing valve. The round inlet seats on the outlet, and mixed material exits through a round tip. SH versions can be fitted with an internal-thread Luer joint.

Our range covers polypropylene housings from 7.3 to 12.9 mm OD with outlet bores of 2, 3 and 3.5 mm. Element counts are 8, 12, 16 and 24, giving overall lengths from 61.8 mm (2.43 in.) to 231 mm (9.09 in.). We supply every size in bulk.

SKU	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL
LS-DSP-004-408	61.8	2.43	2	7.3	Polypropylene
LS-DSP-004-416	99	3.9	2	7.3	Polypropylene
LS-DSP-004-616SH	138.7	5.46	2	8.2	Polypropylene
LS-DSP-004-812	140	5.51	3.5	12.9	Polypropylene
LS-DSP-004-824D	179	7.05	3.5	12.9	Polypropylene
LS-DSP-004-824	231	9.09	3	12.9	Polypropylene

Color-Coded MB Mixing Tubes

LS-DSP-010

These short color-coded mixing tubes are for 1:1 two-part materials dispensed from B-system style cartridges. The body color identifies the size, so the right tube can be picked from the bin without measuring.

Four sizes make up the range. Yellow is 69 mm (2.72 in.) long with a 3.4 mm outlet. Red is 82.5 mm (3.25 in.) with a 5.0 mm outlet. Green is 89 mm (3.5 in.) with a 4.8 mm outlet. Purple is 91 mm (3.58 in.) with a 6.7 mm outlet. Body diameters run 5.8 to 9.7 mm.

SKU	LENGTH (MM)	LENGTH (IN)	OD (MM)	COLOR
LS-DSP-010-Yellow	69	2.72	5.8	Yellow
LS-DSP-010-Red	82.5	3.25	6.8	Red
LS-DSP-010-Green	89	3.5	8.1	Green
LS-DSP-010-Purple	91	3.58	9.7	Purple

MB Series Static Mixing Tubes

LS-DSP-007

MB series mixing tubes fit B-system style 50 ml cartridges, which keep the resin and hardener outlets apart until the material enters the mixer. Distributor literature credits that design with removing cross contamination and plugged cartridges.

We list two 1:1 sizes, both with a 1.5 mm outlet. The 16-element tube has a 5.4 mm core, a 7.15 mm body and is 111.4 mm (4.39 in.) long. The 20-element tube has a 6 mm core, an 8.35 mm body and is 155.4 mm (6.12 in.) long.

SKU	LENGTH (MM)	LENGTH (IN)	OD (MM)	FITTING/HUB
LS-DSP-007-5.4-16S	111.4	4.39	7.15	B system
LS-DSP-007-06-20S	155.4	6.12	8.35	B system

Bayonet Static Mixing Tubes, 7 to 21 Elements

LS-DSP-006

These bayonet static mixing tubes fit 50 ml A-system style cartridges and are sized for fine beads and dots of mixed epoxy, acrylic or polyurethane. The outlets are 1 or 1.5 mm.

Mixing cores come in 3, 5.4 and 6.3 mm, with 7, 12, 17 or 21 elements. The shortest tube is a 7-element stub at 33.6 mm (1.32 in.) overall and the longest runs to 154 mm (6.06 in.).

SKU	LENGTH (MM)	LENGTH (IN)	FITTING/HUB
LS-DSP-006-3.0-7S	33.6	1.32	Bayonet
LS-DSP-006-3.0-17S	62	2.44	Bayonet
LS-DSP-006-6.3-12S	98	3.86	Bayonet
LS-DSP-006-5.4-17A	105	4.13	Bayonet
LS-DSP-006-5.4-17S	106	4.17	Bayonet
LS-DSP-006-6.3-21S	154	6.06	Bayonet

GSM Series Round-Mouth Mixing Tubes

LS-DSP-005

GSM series static mixing tubes have a round-mouth inlet for two-component cartridges and dispensing valves. Their spiral elements are set in a tighter segmented arrangement than standard tubes, and the elements are colored.

Every tube in the range shares a 12.7 mm OD body, a 9.4 mm mixing core and a 3 mm outlet. Element counts of 12, 14, 16 and 20 give overall lengths from 145 mm (5.71 in.) to 217 mm (8.54 in.), so element count is the only choice to make.

SKU	LENGTH (MM)	LENGTH (IN)	OD (MM)
LS-DSP-005-GSM9-12	145	5.71	12.7
LS-DSP-005-GSM9-14	163	6.42	12.7
LS-DSP-005-GSM9-16	185	7.28	12.7
LS-DSP-005-GSM9-20	217	8.54	12.7