

50ml 1:1 Ratio A-System Dual Cartridge Set

For use with epoxy resins, polyurethanes, potting compounds & more

MA Series A-System Cartridges and Mixers

Technical Information

Product Description

The A-System dual system is available in 50ml, 75ml and 100ml sizes. And in mix ratios of 1:1, 2:1, 4:1 and 10:1 to accept a variety of static mixer nozzles and accessories and used with manual, pneumatic or battery powered applicator gun dispensers. Part 451000-01 is a 50ml 1:1 mix ratio version with air-vented wiper pistons.

451000-01 set includes the high density white polypropylene body, medium density polypropylene air-vented wiper pistons and a dust cap to seal the nozzle outlet. Dual cartridges are supplied in packs of 50 or 500 and include tip cap seals pre-attached with the correct number of pistons. The pistons for this kit are the self-venting type that push in to the material fill level allowing air to escape. Then press down the inner blue cap plug to seal once filled.

The separate 2K components are filled to the two chambers and are then dispensed simultaneously through the static mixer, where dynamic mixing takes place. The user applies the mixed and blended material to the component without material mess or costly waste and to the exact mix ratio. A benefit of the A-System cartridge is that not all of the material contents have to be dispensed in one go. The cartridge can be easily closed off and stored for later use, without the material curing.

Static mixer nozzles are available in different sizes, styles and elements. Nozzle designs include stepped, tapered and luer. Mix nozzles attach by twisting on in a bayonet style.

Specification

Part ID:	451000-01
Material:	Polypropylene
Colour:	White Cartridge/ White Piston/ White Cap
Volume:	50ml (25ml + 25ml)
Ratio:	1:1 (by volume)
Outlet:	Bayonet Mix Nozzle Twist-On Attachment
Max. Pressure:	100 PSI
Details:	Industrial Grade, Silicone Free
Commodity Code:	39269097
Origin:	Asia
Brand:	Adhesive Dispensing Ltd



Packaging

Dual cartridges are priced and supplied in packs of 50 or 500 pieces.

Static Mixer Nozzles

This cartridge can be used with 1:1/ 2:1 ratio A-System type bayonet mixer nozzles. It is not designed for use with the 4:1/ 10:1 ratio mixer nozzles.

Dispenser Guns

Dual cartridges and mixers are compatible with most manual, pneumatic and battery rechargeable dual dispenser guns.

Key Features:

- Silicone-free materials
- Industrial grade safe to 100 PSI
- Dynamic mixing of 2-part materials
- In sealed packs with label and batch code
- Works with 1:1 mix ratios
- High-density natural polypropylene body
- Twist-on bayonet easy attachment



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A-System Static Mixer Nozzles

For use with 50ml, 75ml, 100ml 1:1/ 2:1 Dual Cartridges

A-System Bayonet 1:1 / 2:1 Ratio Mixers

Technical Information

Product Description

Twist-On high density polypropylene nozzles.

	ID	Article	Number of Elements	Inner Diameter Ø mm/inch	Waste Volume (mL)	Units/Box	Outlet Tip				Accessories				
							Stepped Tip (T)	Straight Tip (D)	Luer Slip Tip (L)	Tapered Tip (S)	BRT 205-10	IOT 406-15	IOT 506-15	LA 05-00	LA 06-08
1:1/2:1 MAH 	102361	MAH 03-07S	7	3.0/0.118	0.24	15000			✓						
	102362	MAH 03-13S	13	3.0/0.118	0.36	12000			✓						
	102364	MAH 03-17S	17	3.0/0.118	0.34	10000			✓						
	102366	MAH 04-13S	13	4.0/0.157	0.60	10000			✓						
	102367	MAH 04-17D	17	4.0/0.157	0.75	7000	✓					✓			
	102368	MAH 04-17S	17	4.0/0.157	0.75	7500			✓						
	102369	MAH 05-07T	7	5.4/0.213	0.80	10000	✓							✓	
	102370	MAH 05-13D	13	5.4/0.213	1.36	7000		✓			✓		✓		
	102371	MAH 05-13T	13	5.4/0.213	1.36	6500	✓							✓	
	102360	MAH 0517-0413T	17 +13	5.4/0.213 4.0/0.157	2.07	4000	✓								
	102372	MAH 05-17T	17	5.4/0.213	1.68	4000	✓							✓	
	102373	MAH 05-21T	21	5.4/0.213	2.01	3000	✓							✓	
	102377	MAH 06-12T	12	6.3/0.248	2.08	4500	✓								✓
	102378	MAH 06-17T	17	6.3/0.248	2.94	3000	✓								✓
	102379	MAH 06-21L	21	6.3/0.248	3.33	4000		✓							
	102380	MAH 06-21T	21	6.3/0.248	3.57	2500	✓								✓
1:1/2:1/4:1/10:1 MAQ 	300028	MAQ 05-16L	16	5.3/0.209	1.30	5000		✓							
	300026	MAQ 05-24L	24	5.3/0.209	1.90	3000		✓							
	300391	MAQ 05-16L-12 *	16	5.3/0.209	1.30	5000		✓							
	300405	MAQ 05-16L-13 *	16	5.3/0.209	1.30	5000		✓							

* different color

	ID	Article		Flange		Ratio				Force (kN)
				A		1:1	2:1	4:1	10:1	
DMA dispenser manual 	101875	DMA 51-00-10	ABM-25M1	✓		✓	✓			1.2
	111746	DMA 75-00-10	ABM-75M1	✓		✓				1.2
DP dispenser pneumatic 	151780	DP2 50-16-100	EDS408M	✓		✓	✓	✓	✓	1.6
	153098	DP2 75-16-100	EDS408MY	✓		✓				1.6



2K Dispensing Catalogue



Adhesive Dispensing Ltd
Solutions customers stick with...

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14 Clarke Road, Mount Farm
Milton Keynes, Bucks, MK1 1LG, UK

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