

400ml Dual Component Cartridge Kit

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

Dual Cartridge 400ml 1:1 Ratio C-System

Technical Information

Product Description

400011 is a dual cartridge dispensing system in a 400ml volume size with a 1:1 mix ratio by volume for 2K materials. The main resin and hardener are stored in the two chambers, they are kept apart and fed into the top of the mixer nozzle. Material is fed simultaneously into the nozzle where dynamic mixing takes place. Polypropylene self-venting wiper pistons are included in the kit. Used with bell mount static mixer nozzles or MG threaded mixer nozzles.

Benefits of the system is guaranteed mixing at the correct ratio every time. Controlled mixing and dispensing without added air entrapment. Cleaner than manual mixing and higher levels of dispensing control. And less waste as the cartridge contents do not need to be used in one go and material left inside can be used at a later date with a new mixer nozzle. This cartridge is known as the C-System.

Packaging

Dual cartridges are priced and supplied in packs of 50 and include a nozzle seal, threaded collar as well as 100 of the pistons.

Static Mixer Nozzles

Nozzles are available in a wide range of different lengths and mix elements. 400011 dual cartridges can be used with all mixer nozzles designed for 1:1 ratio. This includes the MCH, MCQ, MGH and MGQ Series. Bell mouth mixers push on and the threaded cartridge nut secures. MG series mixer nozzles screw-onto the cartridge housing without requiring the nut.

Dispenser Guns

Cartridges are compatible with 1:1 ratio manual, pneumatic and battery rechargeable dual dispenser guns.

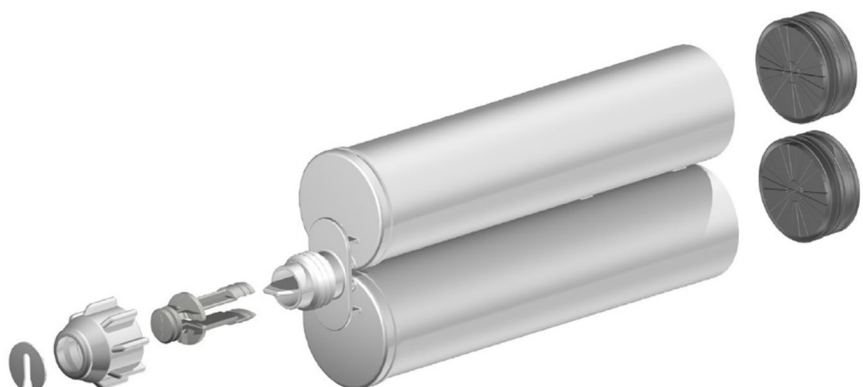
Specification

Part ID:	400011
Material:	High Density Polypropylene (HDPP)
Piston Material:	Polypropylene
Piston Type:	Self-Venting Wiper Pistons
Colour:	White Natural
Size:	400ml (200ml + 200ml)
Mix Ratio:	1:1 by Volume
Outlet:	Bell Mouth 16.7mm Housing
Nozzle Attachment:	13mm Retaining Nut Supplied
Nozzle Type:	Use with MCH, MCQ, MGH and MGQ Series
Details:	Silicone Free Materials
Maximum Pressure:	100 PSI
Commodity Code:	39269097
Origin:	China
Brand:	ADL



Key Features:

- Silicone-Free materials
- Industrial grade safe to 100 PSI
- Dynamic mixing of 2-part materials
- Supplied in sealed packs with labels and batch codes
- Self-venting wiper pistons
- High-density natural polypropylene body
- Compatible with industry mixers and dispensers



Static Mixer Nozzles

For use with 200ml/ 400ml/ 600ml C-System 1:1 and 2:1 Cartridges

C-System Mixer Nozzles

Technical Information

Product Description

MCH series mixer nozzles for 1:1 and 2:1 ratio C-System dual cartridges. Round helical body design, white mixer elements with bell-mouth housing attachment.

	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)	BSD 10-25	BSD 10-40	LA 05-00	LA 06-08	LA 10-00	BSDQ 08-38
1:1/2:1 MCH	102414	MCH 05-18T	18	5.0/0.197	2.10	3000	✓						✓			
	102415	MCH 05-24T	24	5.0/0.197	2.00	2000	✓						✓			
	102416	MCH 05-32T	32	5.0/0.197	2.60	2000	✓						✓			
	102417	MCH 06-18T	18	6.0/0.236	3.60	2000	✓							✓		
	102418	MCH 06-24T	24	6.0/0.236	4.20	2000	✓							✓		
	102419	MCH 06-32T	32	6.0/0.236	5.00	1700	✓							✓		
	102421	MCH 08-18T	18	8.0/0.315	6.70	2000	✓							✓		
	102424	MCH 08-24T	24	8.0/0.315	8.50	1500	✓							✓		
	102425	MCH 08-32T	32	8.0/0.315	10.90	1200	✓							✓		
	102427	MCH 1008-18S	18	8.0/0.315	10.20	1000				✓						
	102429	MCH 10-18T	18	10.0/0.394	12.30	1400	✓								✓	
	102430	MCH 10-20D	20	10.0/0.394	12.60	1200		✓			✓	✓				✓
	102432	MCH 10-24D	24	10.0/0.394	15.30	1000		✓			✓	✓				✓
	102431	MCH 10-24T	24	10.0/0.394	14.60	1000	✓								✓	
	102433	MCH 10-32T	32	10.0/0.394	17.70	900	✓								✓	
	102434	MCH 13-12T	13	10.0/0.394	14.70	1400	✓									
	102435	MCH 13-18T	18	13.0/0.512	21.00	1000	✓									
	102437	MCH 13-24T	24	13.0/0.512	27.30	800	✓									
	102438	MCH 13-32T	32	13.0/0.512	25.70	600	✓									

Product Description

MCQ , MGH and MGQ series mixer nozzles for 1:1 and 2:1 ratio C-System dual cartridges. MCQ square Quadro body design, green mix elements with bell-mouth housing attachment. MGH round helical body design, white mix elements and screw-on attachment. MGQ square Quadro body design, green elements and screw-on attachment.

1:1/2:1 MCQ	300002	MCQ 05-24L	24	5.3/207	3.46	1500		✓								
	300006	MCQ 07-24T	24	7.5/295	6.19	1000	✓									
	300455	MCQ 08-24T	24	8.7/0.343	8.44	1300	✓								✓	
	300375	MCQ 08-32T	32	8.7/0.343	10.37	900	✓								✓	
	300496	MCQ 10-24T-01	24	10.7/0.421	14.04	800	✓									
	300377	MCQ 10-32T	32	10.7/0.421	18.45	600	✓									
	102480	MGH 08-06S	6	8.0/0.315	3.67	1500				✓						
1:1/2:1/4:1/10:1 MGH																
1:1/2:1/4:1/10:1 MGQ	300469	MGQ 08-18T	18	8.7/0.343	6.70	1200	✓								✓	
	300454	MGQ 08-20D	20	8.7/0.343	7.57	1000		✓								
	300453	MGQ 08-20T	20	8.7/0.343	7.34	1000	✓								✓	
	300462	MGQ 08-24D	24	8.7/0.343	8.61	800		✓								
	300461	MGQ 08-24T	24	8.7/0.343	8.76	800	✓								✓	
	300493	MGQ 10-19D	19	10.7/0.421	12.15	800		✓								
	300497	MGQ 10-24D	24	10.7/0.421	14.49	650		✓								



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