

3M Automotive Aftermarket Division
PPS™ Paint Preparation System



Improve
Efficiency
Reduce Waste

An innovative system for mixing and spraying both solvent based and waterborne materials





3M™ PPS™ Paint Preparation System

An innovative system from 3M which enables painters to mix less paint and drastically reduces the amount of solvent and technician time required for gun cleaning, improving operator efficiency by as much as 15%.

3M™ PPS™ Paint Preparation System is a unique, closed paint system which eliminates the need for traditional mixing cups and paint strainers. Now, paint can be mixed and sprayed out of the same PPS™ liner with a lid and built-in filter. Specifically designed adapters allow painters to use the PPS™ system with virtually any spray gun. A key advantage of this closed system is that it enables a painter's spray gun to function at any angle, even upside down! The liner, lid and built-in filter are all disposable, leaving only the adapter and spray gun to be cleaned. The PPS™ system is therefore a cleaner, faster system, safe from outside contamination and offers considerable time and solvent savings in regards to gun cleaning.



1

Remove existing cup from spray gun.



2

Thread correct adapter to spray gun.



3

Remove liner from wall dispenser and place into 3M™ PPS™ mixing cup. Weigh the paint according to paint manufacturer's guidelines.



4

If not using a scale to measure, insert 3M™ PPS™ Mix Ratio Film into cup before inserting liner in order to measure the paint according to paint manufacturer's guidelines.



5

Mix product as needed.



6

Take a lid (with built-in filter) from wall dispenser and snap into the 3M™ PPS™ cup/liner.



7

Position locking collar onto the 3M™ PPS™ cup/liner and turn until tight. Insert sealing plug prior to shaking.



8

3M™ PPS™ shaker core is used to distribute clamping force when shaker machines are used to mix material.

9a

Spray gun with correct adapter is attached with a quick quarter turn.

9b

Make sure that the lid fingers are fully engaged above adapter edge.

10

The spray gun is now ready to spray as normal. **NOTE:** For spraying upside-down, follow directions in the "Tips" section on purging air.

11

Due to the fact 3M™ PPS™ is a closed system, painters may now spray their gun completely perpendicular to their intended surface without fear of material dripping on their job.

12

To return material back into gun cup before disconnecting spray gun, disconnect air line, invert gun (gravity feed only) and pull trigger fully for a few seconds.

13

Remaining material can be capped and stored for later use. Storage of paint should follow all local regulations.

14

When you're done using the system, the lid and liner can easily be removed from the cup.

15

Remove unused material from the liner and place into proper disposal container.

16

Consult paint or solvent Material Safety Data Sheet (MSDS) in addition to local regulations or authorities for safe use and proper disposal.

17

A squeeze bottle (Part No. 37720) containing solvent or water enables fast gun cleaning once the 3M™ PPS™ cup is removed. More efficient painters make shops more productive.

3M™ PPS™ Paint Preparation System



Part No.	Description	Items/Box	Boxes/Case
200 Micron Lids & Liners			
16000	Standard Lids and Liners w/200 micron filters	50	1
16024	Large Lids and Liners w/200 micron filters	25	1
16114	Mini Lids and Liners w/200 micron filters	50	1
16028	3 oz Lids and Liners w/200 micron filters	50	1
125 Micron Lids & Liners			
16300	Standard Lids and Liners w/125 micron filters	50	1
16301	Standard Lids and Liners w/Full Diameter 125 micron filters	50	1
16324	Large Lids and Liners w/125 micron filters	25	1
16325	Large Lids and Liners w/Full Diameter 125 micron filters	25	1
16314	Mini Lids and Liners w/125 micron filters	50	1
16328	3 oz Lids and Liners w/125 micron filters	50	1
Lids Only			
16199	Std./Lg. LIDS ONLY w/Full Diameter 125 micron filters	25	1
16200	Std./Lg. LIDS ONLY w/200 micron filters	25	1
16201	Mini LIDS ONLY w/200 micron filters	25	1
16202	Std./Lg. LIDS ONLY w/125 micron filters	25	1
16203	Mini LIDS ONLY w/125 micron filters	25	1
Cups & Collars			
16001	Standard Cup/Collar	2	4
16023	Large Cup/Collar	1	4
16115	3 oz Cup/Collar	2	4
16115	Mini Cup/Collar	2	4
16121	Type H/O Pressure Cup (mini)	1	4
16124	Type H/O Pressure Cup (large)	1	2
Accessories			
16098	Mini Lid/Liner Dispenser	1	1
16099	Standard/Large Liner Dispenser	1	1
16019	Standard/Large Lid Dispenser	1	1
16236	Single Magnetic Gun Holder	1	5
16237	Double Gun Holder	1	1
16238	Quad Gun Holder	1	1
16067	3 oz Generic Mix Ratio Inserts	10	5
16068	3 oz Waterborne Generic Mix Ratio Inserts	10	5
16066	Mini Generic Mix Ratio Inserts	10	5
16080	Mini Waterborne Generic Mix Ratio Inserts	10	5
16065	Standard Generic Generic Mix Ratio Inserts	10	10
16078	Standard Waterborne Generic Mix Ratio Inserts	10	10
16091	Large Generic Mix Ratio Inserts	10	10
16079	Large Waterborne Generic Mix Ratio Inserts	10	10
37720	Detailing Squeeze Bottle	24	1

Key Benefits of using the 3M™ PPS™ Paint Preparation System

- Only one PPS™ cup for mixing and spraying
- Enables painters to mix less paint
- Up to 70% savings of cleaning solvent
- Closed system - no outside contamination
- Faster system - from mixing to disposal
- Less operator exposure to solvents and reduction in VOCs
- Spray gun functions at any angle
- Available in 4 sizes: 3 oz., 6 oz., 650 mL., 850 mL.

For more information
visit our website
www.3M.com/pps



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