





How The System Works

Hand tighten or use two wrenches to connect the air flow control value.

7

Flush out atomizing head with appropriate solvent until the atomizing head is clear of coating.

The innovative replaceable atomizing head allows for the following benefits:

Reduces Coating Consumption

- Minimizes overspray

Boosts Productivity

- Lowers spraying time
- Decreases sanding time
- Eliminates costly gun maintenance

Maximizes Benefits of the 3M[™] PPS[™] System

- Reduces gun cleaning time
- Uses less solvent for clean up
- Helps decrease disposal cost
- Improves productivity and profitability



Attach an atomizing head to the gun - pull trigger back and hold, making sure the release buttons are aligned with latch openings - listen for a double click to ensure that it is fully engaged.



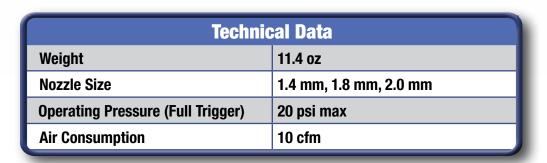
Attach 3M[™] PPS[™] cup filled with coating and attach compressed air hose.



Remove atomizing head - be sure to pull trigger back and pull the atomizing head straight out from the gun body to avoid bending the fluid needle.



Wipe off any additional residue from the fluid needle.





Set air pressure at 20 psi at full trigger (air and fluid flowing).



Adjust fan and fluid flow to achieve the desired size and wetness of the pattern. **NOTE**: when closing the fan adjustment completely it may be necessary to re-adjust the air flow control valve.



When you are finished using the system remove the air line and $3M^{TM} PPS^{TM} Cup$.



Inspect atomizing head for damage or wear which could result in fluid leaks or poor performance.



Re-attach the same atomizing head or when necessary replace with a new one.



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 3M[™] PPS[™] liner with a lid and built-in filter. Specifically designed adapters allow painters to use the 3M[™] 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 3M[™] PPS[™] system is therefore a cleaner, faster system, safe from outside contamination and offers considerable time and solvent savings in regards to gun cleaning.



Remove existing cup from spray gun.



Thread correct adapter to spray gun.



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



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 quidelines.



Mix product as needed.



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



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



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





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



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



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



Due to the fact that 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.



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.



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



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



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.



A squeeze bottle (PN 37720) containing solvent or water enables fast gun cleaning once the 3M[™] PPS[™] cup is removed. More efficient painters make facility more productive.

3M PPS™ Paint Preparation System























It's Easy as Click and Spray

This revolutionary product allows you to have a brand new spray gun on demand. The innovative technology was designed from the inside out for the efficient and economical application of material. These atomizing heads deliver a large usable pattern, with very low overspray and exceptional atomization.



Part No.	Description	Items/Billing Unit	Billing Units/Case
16570	3M™ Accuspray™ Spray Gun Model HG18 (1 HVLP Spray Gun, 3 - 1.8 mm Nozzles & Air Control Valve)	1	1
16577	3M [™] Accuspray [™] Spray Gun Model HG14 (1 HVLP Spray Gun, 3 - 1.4 mm Nozzles, Air Control Valve)	1	1
16587	3M [™] Accuspray [™] HGP Spray Gun Kit - Use with PPS [™] Type H/O Pressure Cup (1 HVLP HGP Spray Gun, 2 - 2.0 mm Nozzles, 2 - 1.8 mm Nozzles, and Air Control Valve)	1	1
16609	3M [™] Accuspray [™] Atomizing Head Refill Kit, 2.0 mm (4 Nozzles)	4	6
16611	3M [™] Accuspray [™] Atomizing Head Refill Kit 1.8 mm (4 Nozzles)	4	6
16612	3M [™] Accuspray [™] Atomizing Head Refill Kit 1.4mm (4 Nozzles)	4	6
16571	3M [™] Accuspray [™] Fluid Needle	1	1
16572	3M [™] Accuspray [™] Test Air Cap	1	1
16573	3M [™] Accuspray [™] Air Flow Control Valve	1	1
16121	3M™ PPS™ Type H/O Mini Pressure Cup - Use with PN 16587	1	4
16124	3M™ PPS™ Type H/O Pressure Cup - Use with PN 16587	1	2
16605	3M [™] Accuspray [™] HG18 Large PPS [™] Starter Kit (1 HG18 Spray Gun Kit, 1 Large Case of PPS [™] Lids and Liners, 1 Large PPS [™] Cup & Collar, 2 boxes of 1.8 mm Nozzles)	1	1



Part No.	Description	Items/Box	Boxes/Case		
	200 Micron Lids & Liners				
16024	Large Lids and Liners w/200 micron filters	25	1		
16000	Standard Lids and Liners w/200 micron filters	50	1		
16112	Midi Lids and Liners w/Full Diameter 200 micron filters	50	1		
16114	Mini Lids and Liners w/Full Diameter 200 micron filters	50	1		
16028	3 oz Lids and Liners w/Full Diameter 200 micron filters	50	1		
	125 Micron Lids & Liners				
16325	Large Lids and Liners w/Full Diameter 125 micron filters	25	1		
16301	Standard Lids and Liners w/Full Diameter 125 micron filters	50	1		
16312	Midi Lids and Liners w/Full Diameter 125 micron filters	50	1		
16314	Mini Lids and Liners w/Full Diameter 125 micron filters	50	1		
16328	3 oz Lids and Liners w/Full Diameter 125 micron filters	50	1		
16324	Large Lids and Liners w/125 micron filters	25	1		
16300	Standard 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/Full Diameter 200 micron filters	25	1		
16202	Std./Lg. LIDS ONLY w/125 micron filters	25	1		
16203	Mini LIDS ONLY w/Full Diameter 125 micron filters	25	1		
16204	Midi LIDS ONLY w/Full Diameter 200 micron filters	25	1		
16205	Midi LIDS ONLY w/Full Diameter 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		
16122	Midi Cup/Collar	2	4		
16124	Type H/O Pressure Cup (large)	1	2		
Accessories					
16098	Mini Lid/Liner Dispenser	1	1		
16099	Large / Standard / Midi Lid Dispenser	1	1		
16019	Large / Standard / Midi Liner Dispenser	1	1		
16068	3 oz Waterborne Generic Mix Ratio Inserts	10	5		
16066	Mini Generic Mix Ratio Inserts	10	5		
16065	Standard Generic Mix Ratio Inserts	10	10		
16091	Large Generic Mix Ratio Inserts	10	10		
16555	Midi Mix Ratio Inserts	10	1		
16236	PPS™ Spray Gun Holder	1	5		
16010	PPS™ Carrier (holds Standard or Large Cups)	1	1		



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

- Only one 3M[™] 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. Designed to help reduce VOCs.
- Spray gun functions at any angle
- Available in 5 sizes: 3, 6, 13.5, 22, & 28 fl oz (90, 180, 400, 650 & 850 mL)



3M[™] Accuspray[™] Family of Products Chart

	_	igh HIGH
Fluid Tip	Med-Heavy Viscosity, Higher Volumes	ERY CON
	Marine & Composites Gel Coats, Adhesives, Bottom Paints, Sound Dampening Coatings	VISCOSITY
	Woodworking Latex Paints, Adhesives	
2.0 mm	General Industrial Epoxies, Undercoatings, Hi-build Primers	Med-Heavy
1.8 mm 1.4 mm	Transportation (Air and Wheeled) Undercoatings, Adhesives, Specialty Coatings	Ĭ N
Interchangeable Nozzle Size	3M™ Accuspray™ Spray Gun Model HGP (Press	ure), PN 16587

Fluid Tip	Medium Viscosity	LIN MODERATE HIGH	
	Marine & Composites Gel Coats, Adhesives, Base Coats, Primers	VISCOSITY	
	Woodworking Stains, Base Coats, Lacquers		
	General Industrial Primers, Base Coats, Adhesives		
2.0 mm	Transportation (Air and Wheel) Adhesives, Primers, Base Coats	Medium	
1.4 mm	Sign Shops Primer, Base Coats		
Interchangeable Nozzle Size	Interchangeable Nozzle Size 3M™ Accuspray™ Spray Gun Model HG18, PN 16570		



3M Automotive Aftermarket Division

3M[™] PPS[™] Paint Preparation System







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

Enhance Quality

Ability to spray 90 degrees to the panel Optimum Material Transfer

Optimize Efficiency

Material Savings: optimum material transfer allows painters to use less

Reduce Solvents

Minimize use of cleaning solvents, solvent exposure & solvent disposal waste

Maximize Productivity

Faster System: mixing, spraying & disposal

Easy to Use

Easy to mix, spray & cleanup - work smarter, not harder







Introducing the



3M[™] PPS[™] Paint Preparation System

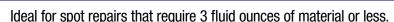
An innovative system from 3M that enables painters to mix less paint and drastically reduces the amount of solvent and technician time required for gun cleaning, improving operator efficiency by as much as 15%.

Innovation. Efficiency. Profitability. These are the values you've come to expect from 3M.

3M delivers with the PPS[™] Paint Preparation System. Make your job easier and save money with this innovative system that increases efficiency by eliminating the need for traditional mixing cups and paint strainers. Now, paint is 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! Safe from outside contamination, the PPS[™] system offers a cleaner, more efficient solution for all repairs from small spots to large surfaces. Enhance your quality, reduce solvents, minimize waste, maximize productivity and make your job easier with the revolutionary 3M[™] PPS[™] Paint Preparation System - now in a comprehensive range of size options allowing precise, accurate coverage.



Spot Repair



Ideal for small areas that require 6 fluid ounces of material or less.



3M[™] PPS[™] Kit 3 fl oz Lids and Liners,16028 3 fl oz (90 mL) full diameter, 200 micron filters

3M[™] PPS[™] Kit 3 fl oz Lids and Liners,16328 3 fl oz (90 mL) full diameter, 125 micron filters









3M[™] PPS[™] Kit Mini Size, PN 16114 6 fl oz (180 mL) full diameter, 200 micron filters

3M[™] PPS[™] Kit Mini Size, PN 16314 6 fl oz (180 mL) full diameter, 125 micron filters

3M™ PPS™ Midi Size

You asked for a PPS[™] Cup, Lid and Liner that are smaller than our Standard size, but larger than the Mini. 3M is excited to offer the new Midi PPS[™] - giving you the most comprehensive range of PPS[™] size options for precise, accurate coverage.





2 Panel Repair

Ideal for areas that require 13.5 fluid ounces of material or less.



3M[™] PPS[™] Kit Midi Size, PN 16112, 13.5 fl oz (400 mL) full diameter, 200 micron filters

3M[™] PPS[™] Kit Midi Size, PN 16312, 13.5 fl oz (400 mL) full diameter, 125 micron filters



3 Panel Repair

Ideal for large areas that require 22 fluid ounces of material or less.



3M[™] PPS[™] Kit Standard Size, PN 16000 22 fl oz (650 mL) 200 micron filters

3M[™] PPS[™] Kit Standard Size, PN 16301 22 fl oz (650 mL) full diameter, 125 micron filters



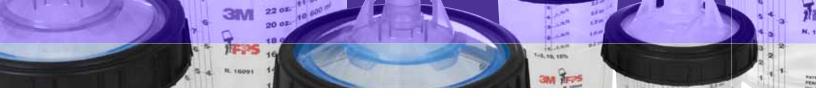
4 Panel Repair

Ideal for large jobs that require 28 fluid ounces of material or less.



3M[™] PPS[™] Kit Large Size, PN 16024 28 fl oz (850 mL) 200 micron filters

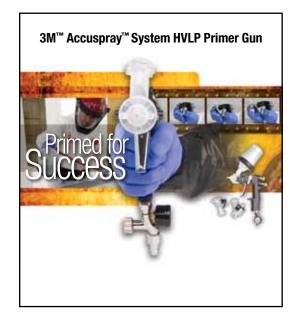
3M[™] PPS[™] Kit Large Size, PN 16325 28 fl oz (850 mL) full diameter, 125 micron filters



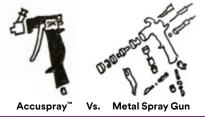
Part No.	Description	Items/Box	Boxes/Case			
	200 Micron Lids & Liners					
16024	Large Lids and Liners w/200 micron filters	25	1			
16000	Standard Lids and Liners w/200 micron filters	50	1			
16112	Midi Lids and Liners w/Full Diameter 200 micron filters	50	1			
16114	Mini Lids and Liners w/Full Diameter 200 micron filters	50	1			
16028	3 oz Lids and Liners w/Full Diameter 200 micron filters	50	1			
	125 Micron Lids & Liners					
16325	Large Lids and Liners w/Full Diameter 125 micron filters	25	1			
16301	Standard Lids and Liners w/Full Diameter 125 micron filters	50	1			
16312	Midi Lids and Liners w/Full Diameter 125 micron filters	50	1			
16314	Mini Lids and Liners w/Full Diameter 125 micron filters	50	1			
16328	3 oz Lids and Liners w/Full Diameter 125 micron filters	50	1			
16324	Large Lids and Liners w/125 micron filters	25	1			
16300	Standard 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/Full Diameter 200 micron filters	25	1			
16202	Std./Lg. LIDS ONLY w/125 micron filters	25	1			
16203	Mini LIDS ONLY w/Full Diameter 125 micron filters	25	1			
16204	Midi LIDS ONLY w/Full Diameter 200 micron filters	25	1			
16205	Midi LIDS ONLY w/Full Diameter 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			
16122	Midi Cup/Collar	2	4			
16124	Type H/O Pressure Cup (large)	1	2			
Accessories						
16098	Mini Lid/Liner Dispenser	1	1			
16099	Large / Standard / Midi Lid Dispenser	1	1			
16019	Large / Standard / Midi Liner Dispenser	1	1			
	Midi Dispenser Flange Adapter - 60-4402-7754-3	10	1			
16068	3 oz Waterborne Generic Mix Ratio Inserts	10	5			
16066	Mini Generic Mix Ratio Inserts	10	5			
16065	Standard Generic Mix Ratio Inserts	10	10			
16091	Large Generic Mix Ratio Inserts	10	10			
	Midi Mix Ratio Inserts - 60-4402-7755-0	10	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 5 sizes: 3, 6, 13.5, 22, & 28 fl oz (90, 180, 400, 650 & 850 mL)

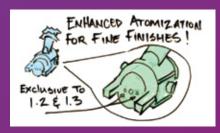






It's not metal, but it sure acts like it.

Our mission is to take the pain OUT of painting — that means cleaning and maintenance — and it's got to be done without sacrificing performance.



We added extra atomizing air holes to the new 1.2mm and 1.3mm atomizing heads to ensure you're getting the premium performance you would expect out of your metal guns, while making cleaning quick and easy with see through atomizing heads.



With five sizes of replaceable, interchangeable atomizing heads, Accuspray™ ONE is your ONE spray gun solution.













2.0mm atomizing head is great for heavy body coating. Make spot repairs with gel coat, enamels and latex paints.



1.8mm atomizing head is great for medium viscosity coatings such as primers, lacquers and adhesives of all kinds. Spray in any direction, get into tight spaces and put the adhesive right where you want it, with the pattern you prefer.



1.4mm atomizing head is great for lower viscosity coatings and achieving fine atomization such as lacquers, single stage paints, polyurethanes, automotive base and clear coats, and marine top coats.

Ultimate Versatility.

3M[™] Accuspray[™] ONE Spray Gun System with PPS[™] (PN 16580)

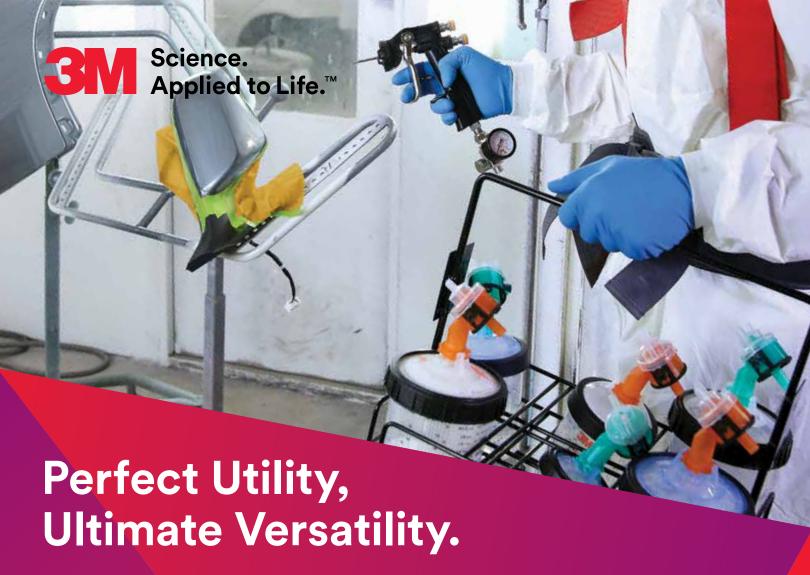
- No maintenance kits
- Easy cleaning
- Performance of a brand new spray gun with each new atomizing head
- Spray gun requires 13CFM at 20psi

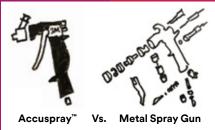


	Part No.	Size	Kit Contents
3M™ Accuspray™ ONE Spray Gun System with PPS™	16580	Atomizing Heads: 1.2mm, 1.3mm, 1.4mm and 1.8mm	 4 - Atomizing Heads 1 - Air Flow Control Valve 1 - 22 oz Mixing Cup & Collar 5 - Disposable Lids & Liners - Sealing Plugs - Color ID Clips
	16582	1.2mm (blue)	
OR ATM A TM	16583	1.3mm (green)	1 Atomising Hood
3M [™] Accuspray [™] Atomizing Heads	16584	1.4mm (orange)	1 - Atomizing Head
Atomizing Heads	16585	1.8mm (clear)	
	16609	2.0mm (red)	1 - Box of 4 Atomizing Heads



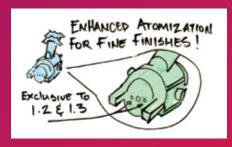
1.2mm and 1.3mm atomizing heads are intended to provide the highest quality finishes and finest atomization. From automotive, specialty vehicle and marine to aerospace, wood finishes and general industrial, you're sure to get premium performance without the complication of tedious cleaning and maintaining.







Our mission is to take the pain OUT of painting — that means cleaning and maintenance — and it's got to be done without sacrificing performance.



That's why the 3M[™] Accuspray[™] Spray Gun Syatem is designed to work with the new 3M[™] PPS[™] Series 2.0 Paint Cup System and the original 3M[™] PPS[™] Paint Cups. You can now upgrade your 3M[™] Accuspray[™] gun with new Accuspray[™] Atomizing Heads to use with 3M[™] PPS[™] Series 2.0 cups. They're designed to take advantage of PPS[™] Series 2.0's improved material flow, and to deliver more-consistent atomization.



With five sizes of atomizing heads, make Accuspray™ ONE your ultimate utility gun and *the perfect complement to your collection*.











Built for Bumpers



With the 1.2mm and 1.3mm atomizing heads, you can go from start to finish on bumpers: primer, sealer, basecoat and clearcoat.

Shoot 'N' Share



New prepper, helper or painter in the shop? The utility gun you can feel confident sharing, no matter the application. New head = new gun.

Small Parts Made Simple



Every job, no matter the size, means cleaning. Make the small ones quick and painless with see-through, replaceable atomizing heads.

ONE Gun = ONE Trip Into the Paint Booth



Multiple parts in the booth? With five sizes to choose from, go from primer-to-clear and never leave the booth! Choose the preferred size for your application, or follow paint company spray gun setup recommendations.

3M™ Accuspray™ ONE Spray Gun Kit

This all-in-ONE kit includes:

- Polished 3M[™] Accuspray[™]
 ONE Spray Gun
- One each: 1.2mm, 1.3mm, 1.4mm, 1.8mm, 2.0mm atomizing heads
- Air control valve
- Colored identification clips
- Gun hanger



	Part No.	Size	Description
ONA™ A coulons of ™	16578	1.2mm/1.3mm/1.4mm/ 1.8mm/2.0mm	Accuspray™ ONE Spray Gun Kit
3M™ Accuspray™ ONE Spray Gun	16579	_	Accuspray™ ONE Spray Gun Replacement (Gun Only)
	16587	(2) 1.8mm/(2) 2.0mm	Model HGP (Pressurized)
TM	26612	1.2mm	Blue, 4/Box
3M [™] Accuspray [™]	26613	1.3mm	Green, 4/Box
Atomizing Heads for PPS™	26614	1.4mm	Orange, 4/Box
Series 2.0.	26618	1.8mm	Clear, 4/Box
	26620	2.0mm	Red, 4/Box
	16615	1.2mm	Blue, 4/Box
3M™ Accuspray™ Atomizing Heads	16614	1.3mm	Green, 4/Box
for PPS™ Series	16612	1.4mm	Orange, 4/Box
1.0	16611	1.8mm	Clear, 4/Box
	16609	2.0mm	Red, 4/Box
OR STM A TM	16573	_	Air Flow Control Valve
3M [™] Accuspray [™] Accessories	16572	-	HVLP Test Air Cap
Accessories	16571	_	Fluid Needle