

## 3M Primer Application Process

## **PERSONAL SAFETY**





Comfort Goggles





Nitrile Gloves



**Prepared Vehicle** 



- ► Vehicle roughly masked.
- ► Surface prepared for primer application.



3M™ Smooth **Transition Tape** 



3M™ Soft Edge Foam Masking Tape PLUS

of the aning face



- ► Degrease the surface using paint company or other recommended product. Always follow the manufacturer's instructions.
- ► Cleaning the surface prior to primer application with tack cloth.



3M™ Tack Cloth



3M™ Professional Panel Wipes

Mixing I



- ▶ Different 3M<sup>™</sup> PPS<sup>™</sup> Series 2.0 sizes allow for on demand mixing of the primer.
- ► By using 3M<sup>™</sup> PPS<sup>™</sup> Series 2.0 no additional mixing cup is needed. Refilling of the primer into the primer gun is not necessary.
- ► As the filter is directly integrated to the 3M<sup>™</sup> PPS<sup>™</sup> Series 2.0 lid, no additional filtering stage is required.

Tip: Always use the primer shade recommended by your paint manufacturer! 3M™ PPS™ Series 2.0 allows a quick change between different primer shades.



Midi 400ml, Mini 200ml

3M™ PPS™ Series 2.0 Spray Cup System Kit 2.0 UV Kit Large 850ml, Standard 650ml,



3M™ PPS™ Series



3M™ PPS™ Lid&Liner Dispensers



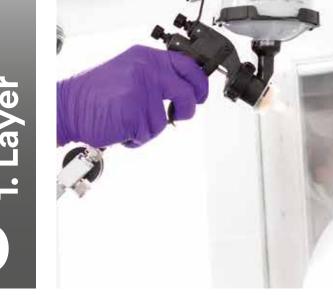
- ► Pull the trigger back
- ► Making sure locking collar is in the "+ configuration"
- ► Slide the atomizing head over the fluid needle and push towards the spray gun body
- ➤ Secure the atomizing head by rotating the retainer ring, clockwise until the retainer ring tabs are locked in the "X configuration"
- ► HVLP max pressure line 1.38bar (20psi)
- ► The Operating Pressure Range line 0,5bar (7 psi) 2.4 bar (35 psi) max



3M™ Performance Spray Gun



3M™ Performance Gravity HVLP Atomizing Heads 1.2,1.3,1.4,1.8, 2.0



- ► 3M<sup>TM</sup> PPS<sup>TM</sup> Series 2.0 allows for primer application from different angles without dripping.
- ► Edges and wheel arches can thus be coated safely.
- ► Always follow paint company recommendations regarding primer layer thickness.
- ► Modern primer technologies have reduced pot lives. Using freshly mixed primer with every application avoids the possibility of subsequent shadow effects (curly Q's shows after solvent has fully evaporated) and - therefore considerably reduces the subsequent sanding work.



3M™ PPS™ Series 2.0 Midi, 400 ml



3M™ PPS™ Series 2.0 Mini 200 ml



3M™ PPS™ Lid & Liner Dispensers



- ► A clean gun guarantees a finer coating.
- ► A finer coating ensures that the primer lays down flat.
- ► This ensures a smoother primer. A smooth primer allows for time and work savings in the process of primer sanding.
- ► 3M<sup>™</sup> Performance Spray Gun & PPS<sup>™</sup> Series 2.0 in primer application -an advantage for the next process step.
- ► Always clean spray pattern with 3M<sup>™</sup> Accuspray<sup>™</sup>. Note: Poor maintained primer gun = rough spray pattern.



Midi 400ml, Mini 200ml

3M™ PPS™ Series 2.0 Spray Cup System Kit Large 850ml, Standard 650ml,



3M™ PPS™ Series 2.0 UV Kit



3M™ PPS™ Lid&Liner Dispensers

**Forced Drying** 



- ► Pull the trigger back
- ► Rotate the locking collar counter-clockwise and pull the atomizing head away from the gun body
- ► Clean the needle with a solvent cross linked cloth
- Simply put on the new nozzle and you're done
- 3M™ Performance Spray Gun & PPS reduces cleaning work considerably and lowers your solvent consumption clearly



3M<sup>™</sup> Professional Panel Wipes PN 34567



- ► Always follow paint company recommendations on the following:
- ► Object temperature.
- ► Drying time.
- ► Distance of the heater from the object.
- ► The quality of drying influences the sanding properties of the primer. Forced drying accelerates the repair process and at the same time ensures an even drying of the primer. A primer that has hardened evenly and fully is a lot easier to sand.