

PERSONAL SAFETY

• Reusable Respirators



• Comfort Goggles



• Reusable Overall



• Nitrile Gloves



Prepared Vehicle



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



3M™ Smooth Transition Tape



3M™ Soft Edge Foam Masking Tape PLUS

Cleaning of the Surface



- ▶ 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

1 Mixing Primer



- ▶ Different 3M™ PPS™ Series 2.0 sizes allow for on demand mixing of the primer.
 - ▶ By using 3M™ PPS™ 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™ PPS™ 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.



3M™ PPS™ Series 2.0 Spray Cup System Kit Large 850ml, Standard 650ml, Midi 400ml, Mini 200ml



3M™ PPS™ Series 2.0 UV Kit



3M™ PPS™ Lid & Liner Dispensers

2 Setup 3M™ Performance Spray Gun



- ▶ 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

3 Primer Application 1. Layer



- ▶ 3M™ PPS™ 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

4 Primer Application 2. Layer



- ▶ 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™ Performance Spray Gun & PPS™ Series 2.0 in primer application - an advantage for the next process step.
 - ▶ Always clean spray pattern with 3M™ Accuspray™.
- Note: Poor maintained primer gun = rough spray pattern.



3M™ PPS™ Series 2.0 Spray Cup System Kit Large 850ml, Standard 650ml, Midi 400ml, Mini 200ml



3M™ PPS™ Series 2.0 UV Kit



3M™ PPS™ Lid & Liner Dispensers

5 Cleaning 3M™ Performance Spray Gun



- ▶ 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™ Professional Panel Wipes PN 34567

Forced Drying



- ▶ 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.