

NJ Phillips Powered Applicators Troubleshooting Guide



SYMPTOM	PROBABLE CAUSE	CORRECTIVE ACTION / CHECK POINTS
1. Applicator lacks power or not functioning.	Bottle Gas.	Check: i Gas ii No leaks in gas hose. iii Check gas bottle is full and regulator is set to 414 to 550kpa (60-80psi).
	Inadequate gas pressure.	Reset pressure on regulator. Wind control knob fully out and then wind in until the pressure reading on the gauge reaches 414 to 550 kpa (60-80 psi).
	Regulator outlet port and fittings not firmly attached to the regulator.	Ensure the outlet port and brass fittings are firmly screwed into the regulator.
2. Applicator leaking.	Fault in tube connections from pressure regulator to trigger on applicator.	Fully close the regulator control valve, disconnect the applicator from the regulator and return the applicator to stockist or local distributor for service.
3. Applicator will not deliver full dose.	Applicator not primed or dose not set correctly.	Prime the applicator and set the dose appropriately.
	Inlet valve and seal ring not sealing, caused by foreign matter lodged under the inlet valve.	Remove the inlet adaptor and inlet valve from the applicator, clean with water and re-assemble.
	Foreign matter lodged in the delivery valve assembly or a blockage in the nozzle (or needle mount.)	Remove the nozzle (or needle mount) and delivery valve assembly from the applicator, clean the delivery valve assembly, and re-assemble.
4. Slow applicator (fill and/or delivery rate of product).	Incorrect pressure setting on regulator.	Check and adjust the regulator pressure to operate the applicator between 414 to 550 kpa (60 – 80 psi).
	Kinking or restriction of the feed tube.	Remove the restriction or re-position the feed tube to avoid kinking.
	Piston seal rings are dry or have not been lubricated.	Remove the cylinder from the handpiece and lubricate the piston seal rings in NJ Phillips Lubricant.
5. Spitting of product from delivery end or air being drawn into the cylinder from the delivery end of the applicator.	Foreign matter lodged in the delivery valve and assembly.	Remove the nozzle (or needle mount) and delivery valve assembly, clean valve by rinsing and wiping with a soft cloth and re-assemble.