

Spray Gun Set Up Chart

Solvent-Borne Basecoat Application

Spray Gun needs to be selected according to the painters application style and spray environment.
No one gun is recommended above another.

Model*	Tip Size (mm)	Fluid Needle (# of turns out)	Pressure @ the gun	Pressure @ the cap*	Material Being Sprayed
Tekna Basecoat	1.3	2 - 3.5	21 - 22 psi	7 - 8 psi	Basecoat
Tekna Clearcoat	1.3	3 - 4	22 - 24 psi	10 psi	Clearcoat
Tekna HE - 7E7 Air Cap	1.3 - 1.4	3 - 4	18 - 24 psi	N/A	Clearcoat
	1.3	2.5 - 3.5	22 - 24 psi	N/A	Basecoat
DeVilbiss Cvi 510 Air Cap	1.3	2.5 - 3.5	16 - 18	N/A	Basecoat
	1.3	2.5 - 3.5	29 psi	N/A	Clearcoat
DeVilbiss GTI	1.3 - 1.4	3 - 3.5	20 - 25 psi	6 - 8 psi	Basecoat
	1.3	2.5 - 3.5	30 psi	10 psi	Clearcoat
DeVilbiss PLUS	1.3	2.5 - 3.5	30 - 40 psi	N/A	Clearcoat
Binks M1G	1.4	2.0 - 2.5	18 - 20 psi	10 psi	Primer
Iwata LS400 Gold Cap or LPH400	1.3	2.5 - 3.5	15 - 19 psi **	6 - 8 psi	Basecoat
Iwata LS400 Silver Cap or LPH400-LV	1.3 - 1.4	Full Open	20 psi **	10 psi	Clearcoat
Iwata LPH300-LV	1.3	2.5 - 3.5	15 - 20 psi **	4 - 8 psi	Primer
	1.3	2.5 - 3.5	20 - 30 psi **	8 psi	Sealer/BC
Iwata WS400 or W400LV	1.3	Full Open	26 psi **	N/A	Clearcoat
	1.4	Full Open	26 psi **	N/A	Clearcoat
Iwata LPH440	1.4	2.5 - 3.5	15 - 20 psi **	8 - 10 psi	Primer
** Important - Pressure must be obtained with the trigger pulled and fluid coming out of the gun.					
Sata NR 3000	1.4	2 - 2.5	28 psi	10 psi	Clearcoat
Sata Jet 3000 RP	1.2 - 1.3	2.5 - 3	32 - 34 psi	N/A	Clearcoat
Sata NR 2000	1.3 - 1.4	2.5 - 3	20 - 25 psi	7 - 8 psi	Basecoat
	1.3	2.5 - 3.5	28 psi	10 psi	Clearcoat
Sata NR 95	1.4	2.5 - 3	25 - 40 psi	6 - 8 psi	Basecoat
	1.3	2.5 - 3.5	35 - 45 psi	9 - 10 psi	Clearcoat

* All Models are HVLP or Compliant Guns

* Always check for 10 lbs. at the air cap using the appropriate air cap test kit.

Notes:

1) When adjusting the fluid needle, start at the mid-range that is listed and then adjust a 1/2 turn on the needle in or out until you get the fluid delivery that fits your application speed and environmental conditions.

2) For the pressure adjustment, start at the mid-range and then adjust up or down on the pressure to get the desired atomization for your application speed and environment.

For questions regarding the correct spray equipment for your shop, please contact your local Sherwin-Williams Automotive Technical Representative for assistance.