

HOW TO CHOOSE

Metric Size	Decimal Size	For Use with Zahn 2 Viscosity Range	Fluid Viscosity Types	Automotive Paints	Industrial / Commercial Wood Work Coatings
.5mm	.0197 inch	<14-16	Ultra Light	stains, wash primers, dyes, solvents, inks, water.	stains, wash primers, dyes, solvents, inks, water
.8mm	.0315 inch	<14-16	Very Light	Base coat , clear coat, single stage.	primers, acrylics, lacquers, sealers, zinc, chromates, lubricants.
1.0mm	.0394 inch	16-20	Light		
1.1mm	.0433 inch				
1.2mm	.0472 inch	16-20	Medium		synthetic enamels, fillers, shellacs, varnishes, primer, epoxies, urethanes, lubricants, wax emulsions, medium latex paint, waterborne industrial coatings, contact adhesives*
1.3mm	.0512 inch	16-20			
1.4mm	.0551 inch	20-60			
1.5mm	.0591 inch				
1.6mm	.0630 inch				
1.7mm	.0669 inch	>60	Medium to Heavy		Single stage, clear coat, primer, sealer, epoxy.
1.9mm	.0748 inch	>60	Heavy		Single stage, clear coat, primer , sealer, epoxy, polyester.
2.0mm	.0787 inch	>60			
2.2mm	.0866 inch	>60			
2.3mm	.0906 inch	>60			
2.5mm	.0984 inch	>60			
3.0mm	.1181 inch	>60			

* 1.4 for typical light viscosity water borne adhesives - for higher viscosities consult your Warwick Rep.

Note: Siphon type HVLP guns generally limited to light to medium viscosity material and low fluid delivery rate.

Always check the material work manual for best spray tips (size range) recommendation if possible,

	Looks Like	Consistency (Ford #4)	Suggest Tip Sets	Examples
LC	water alcohol	Low Viscosity 16 sec. Ford #4 and lower	0.6-1.0 pressure or mini 1.0-1.3 gravity feed	Stains dyes, Automotive base coat, Thin wood working
LCMC	full bod-ied suger water	Low to Medium Viscosity 16-28 sec. Ford #4	1.0-1.2 pressure or mini 1.3-1.5 gravity feed	Automotive clear, Plane and Baot Urethanes, Thin wood working
MC	room temp. pancake syrup	Medium Viscosity 30-40 sec. Ford #4	1.2-1.3 pressure or mini 1.5-1.8 gravity feed	Wood standard lacquers and enamels, Single stage old enamels
HC	latex paint	High Viscosity 45-54 sec. Ford#4	1.5-1.5 pressure or mini 1.6-2.5 gravity	Latex paint, Industrial coatings
VHC	glue	Very High Viscosity	1.7-2.8 pressure feed 2.0-3.6 gravity feed	Gel coat Industrial paints and primer