Ulano Emulsion by Ink Type

The four Ulano direct emulsions we stock, side by side, using only what Ulano's own data sheets say.

Which Ulano emulsion fits your ink (what Ulano says)					
Emulsion	**Ink resistance (Ulano)**	**Sensitizer**	**Viscosity / solids**	**Color and notes**	**We stock**
QX-5 Blue	Most solvent-based inks and most washup solvents; some water-based inks	Presensitized, none to add	5000 cps / 41%	Blue	28 oz, gallon
Orange	Plastisols, most washup solvents, some water-based inks	Presensitized, none to add	6,000-8,000 cps / 44-46%	Orange; masks halation	Quart, gallon
TRIFECTA	Water-based, discharge and plastisol inks; post-expose for long runs and aggressive inks	Presensitized, none needed; optional diazo	About 6500 cps at 25 C	Violet; LED and CTS compatible; yellow mesh advised	Gallon
925WR-P	Water-based textile inks	Add the powdered diazo before use	7000 cps (sensitized) / 41%	Pale violet; /CL undyed	Gallon

Base exposure, 3000 W metal halide, 40 in			
Emulsion	**Coat 1**	**Coat 2**	**Coat 3**
QX-5 Blue	7 sec	20 sec	26 sec
Orange	6 sec	17 sec	22 sec
TRIFECTA (yellow mesh)	12 sec	33 sec	45 sec
925WR-P	29 sec	82 sec	104 sec

How to read this	
Ink first	Ulano rates each emulsion by the inks it resists. Pick from your ink, then check the data sheet.
Always test	Do a step wedge: ink, mesh, light and humidity change the right exposure.
Mesh	QX-5 Blue and Orange base times are for 305/in white mesh; TRIFECTA's is for 305/in yellow mesh; 925WR-P's sheet gives the 40 in distance only.

Sources: Ulano technical data sheets for QX-5 Blue, Orange, TRIFECTA and 925WR-P, ulano.com. Base exposure at 40 in for each sheet's stated mesh and light source. Reference only: Ulano's current data sheet governs. All data sheets: bucketsofink.com/page/safety-data-sheets.