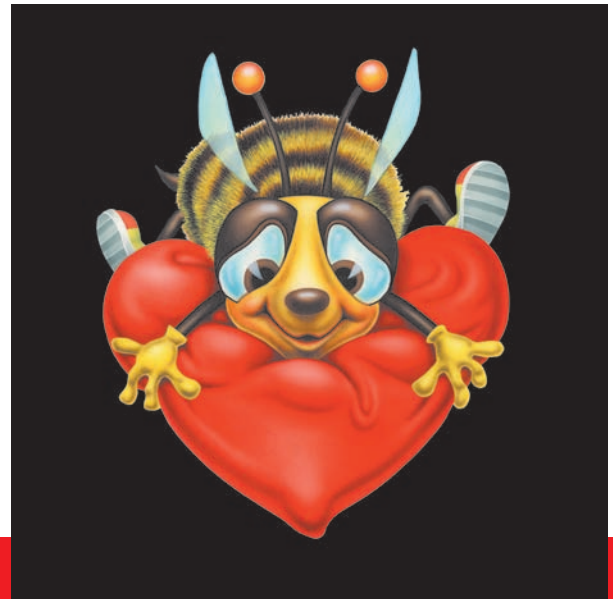




HYDRA

- Clear 120 E** Flexible water based clear designed to be pigmented, excellent for half-tone prints.
- Printable up to 120 (305) mesh. No mesh clogging.
 - Becomes a foil-off resistant ink just adding 20-60% of HYDRA FOIL-OFF ADDITIVE and 3% of FLOCK CATALYST.
 - Mixable with HYDRA WHITE 120 E.
 - To reduce viscosity, just add 3% of REDUCER 120.

CLEAR 120 E



technical sheet

RECIPE nr.1	%	SCREEN	RECIPE nr.2	%	SCREEN	RECIPE nr.3	%	SCREEN
HYDRA WHITE 120 E	100	62/156	HYDRA CLEAR 120 E	100	120/305	HYDRA CLEAR 120 E	80	120/305
		GEL 3	AQUATINT PIGMENT	5	GEL 3	HYDRA WHITE 120 E	20	GEL 3
		Standard			Standard	AQUATINT PIGMENT	5	Standard
		SQUEEGEE			SQUEEGEE			SQUEEGEE
		75-90-75			75-90-75			75-90-75
RECIPE nr.4	%	SCREEN	RECIPE nr.5	%	SCREEN	RECIPE nr.6	%	SCREEN
HYDRA CLEAR 120 E	85	120/305	HYDRA CLEAR 120 E	50	120/305	HYDRA CLEAR 120 E	100	120/305
HYDRA WHITE 120 E	15	GEL 3	HYDRA WHITE 120 E	50	GEL 3	AQUATINT PIGMENT	5	GEL 3
AQUATINT PIGMENT	5	Standard	AQUATINT PIGMENT	6	Standard			Standard
		SQUEEGEE			SQUEEGEE			SQUEEGEE
		85 SHORE			85 SHORE			65-90-65

PRINTING PARAMETER		PRINTING PROCEDURE	
DRYER TEMPERATURE	150°C - 305°F	1	PRINT DOUBLE STROKE - FLASH
CURING TIME	1,5 MIN	2	PRINT DOUBLE STROKE - FLASH
SQUEEGEE ANGLE	80°	3	PRINT DOUBLE STROKE - FLASH
PRINTING SPEED	MEDIUM	4	PRINT DOUBLE STROKE - FLASH
SCREEN CLEAN UP		5	PRINT DOUBLE STROKE - FLASH
USE WATER		6	PRINT DOUBLE STROKE - CURE
COMMENTS			

SUITABLE ADDITIVES

HYDRA JET REDUCER:
viscosity reducer add 1-3% to the ink.
In comparison to the other reducers, HYDRA JET REDUCER decreases viscosity especially when the ink is extremely thick.

Formaldehyde free.

HYDRA RETARDER:
retarder designed to further improve the HYDRA screen ink stability.

Add 3-5% of HYDRA RETARDER to the inks.
Formaldehyde free.

HYDRA REDUCER 120:
To reduce viscosity, just add 3% of HYDRA REDUCER 120.

Formaldehyde and phthalate free.

