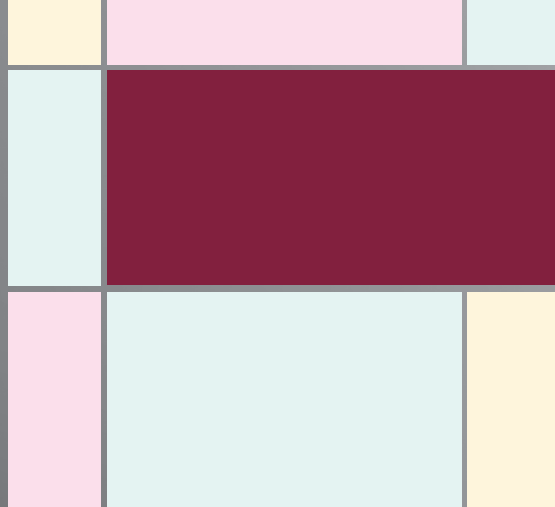




EMULSIONS TECHNICAL BROCHURE

		DIAZO				DUAL CURE									PURE PHOTOPOLYMER										OTHERS
		GRAFIC DS	TEXTIL DT4	TEXTIL DW	TEXTIL DV	CERAMIC HT	CERAMIC HU	CERAMIC HHW	GRAFIC HU	SAATIKER HT Flex	GRAFIC HS Blue	TEXTIL HT	VITRUM HU	VITRUM HT	VITRUM HHU Blue	CERAMIC PHW	GRAFIC PU	GRAFIC PS	GRAFIC PES	TEXTIL PV	TEXTIL PHW	TEXTIL PEW	GRAFIC CTS	TEXTIL CTR	
APPLICATION FIELDS	Four-colours solvent inks								●		●						●	●							
	Four-colours water inks								●		●						●	●							
	Printed circuit boards								●		●				●		●	●							
	General graphic	●							●		●						●	●							
	Adv graphic	●							●		●						●	●							
	Plates								●		●						●	●							
	CD printing								●		●							●							
	Plastic bottles	●							●		●							●	●						
	Decals	●							●		●						●	●							
	Computer to Screen Techn.																		●				●		
	Gen graphic for projection exp												●	●	●				●						
	Automotive glass												●	●	●										
	Appliance glass												●	●	●									●	
	Ceramic single fire printing					●				●														●	
	Ceramic double fire printing					●				●															
	Ceramic third fire printing					●	●	●		●						●									
	Ceramic dry printing					●	●	●		●						●									
	Ceramic decals					●	●	●	●		●							●							
	Continuous textile printing		●						●			●												●	
	T-shirts			●	●							●								●	●				
	Textile projection exposure																					●			
CHEMICAL RESISTANCE	WATER	HIGH																							
	SOLVENT	LOW																							
		HIGH																							
RECCOMENDED INKS	Solvent inks	●				●	●		●	●		●		●		●	●	●					●		
	UV inks	●							●	●		●		●		●	●	●					●		
	Water based UV inks								●	●		●		●		●	●	●					●		
	Plastisols	●	●	●	●				●		●							●		●	●	●	●		
	Graphic water based inks								●		●						●	●				●	●		
	Textile water based inks		●	●	●							●								●	●	●		●	
	Water/solvent based inks					●	●	●	●	●	●	●	●	●		●							●		
	Discharge printing		●									●											●		
	Dry printing (glass/powder)							●		●						●							●		
	Ceramic inks					●	●	●		●						●							●		
	Glass inks											●	●	●									●		
FEATURES	Colour	BLUE	BLUE	BLUE	VIOLET	BLUE	VIOLET	L. BLUE	VIOLET	BLUE	BLUE	BLUE	VIOLET	BLUE	BLUE	GREEN	BLUE	BLUE	BLUE	RED	GREEN	VIOLET	RED	BLUE/RED	
	Solid content	33	42	41	41	49	39	52	39	48	38	48	39	48	48	47	40	36	24	41	47	36	35	44	
	Viscosity	HIGH	HIGH	MED	MED	HIGH	MED	HIGH	MED	HIGH	MED	HIGH	MED	HIGH	HIGH	HIGH	MED	MED	LOW	MED	HIGH	LOW	MED		
	Exposure	35	60	70	70	140	40	20	40	120	40	120	60	120	60	10	6	8	□	4	10	□	☆		
	Definition	G	G	G	G	G	VG	VG	VG	VG	VG	G	VG	VG	VG	VG	VG	VG	G	G	VG	G	VG		
	Resolution	G	G	G	G	VG	VG	G	VG	VG	VG	VG	VG	G	G	P	VG	G	G	G	P	G	VG		
	Reclaimability	G	G	G	VG	G	VG	P	VG	G	G	G	VG	G	G	P	VG	VG	G	VG	P	G	G		
	Suitable fabrics	62-140	34-90	34-90	34-90	43-140	77-180	6-62	77-180	43-140	62-150	34-120	77-140	77-140	34-120	6-62	77-180	90-150	90-180	34-120	6-62	62-120	77-180	All meshes	
	Label	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	Xi	NONE	Xi	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	Xi	

Legenda:

- After first exposure
- After Catalyst or Thermal Hardening
- After Post exposure

- P Poor
- G Good
- VG Very Good

- Xi Irritating
- On 120.34 W
- On 62.64 W

- Depends on enlargements

- Depends on equipment

Test conditions:
 Coating: with automatic coating machine
 Print Side: 1 Coat
 Squeege side: 2 Coats
 Alogen lamp: 5000W
 Distance: 150cm



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