



SCREEN PROCESS STENCIL MATERIALS SALES PROGRAM AND PRODUCT DESCRIPTION

FOTECOAT SCREEN EMULSIONS with Diazo (SOLO presensitized emulsions see page 3)

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Code <small>3rd letter for size</small>	Prod.No.	Use	Description	Colour unsensitized	Viscosity	D	% Solids		Sizes available ex stock	
							unsen	sens.	24 x 1 kg	6 x 4,5 kg
DC .	1010	for solvent/water based inks; polymer dual-cure	highest resolution and definition; flat stencil build up short exposure, can be used for 3-5x magnification in projection	light purple	medium	B	40	36	✓	✓
DG .	1019	for solvent/water based inks; polymer dual-cure	ideal for half tone and fine line water based graphic arts inks; ideal for UV-inks; less gloss; short exposure	purple or blue	high	B	40	36	✓	✓
DE .	1020	for solvent based and UV-inks; photopolymer	extra short exposure time; can be used with DLE and LED exposure devices.	purple	medium	B	30	27		✓
DI .	1021	for solvent based inks; photopolymer	similar to 1020, higher in solids	blue-purple	medium	B	34	31		✓
DT .	1065	for water/solvent based inks; polymer dual-cure	coarse mesh textile and special stencil making exposure depends on coating technique and mesh	light blue	medium	B	48	44	✓	✓
DM .	1068	Textil-, glass- and ceramic print; water/solvent resist.	dual-cure; can be used for Plastisols, even if cleaned with solvents; can be post- exposed	purple or blue	high	B	45	41	✓	✓
DP .	1069	Textil-, glass- and ceramic print	similar to 1068, but higher flexibility	blue	high	B	45	41	✓	✓
DW .	1069HV	for water/solvent based inks; polymer dual-cure	like 1069 but higher viscosity	blue	very high	B	40	36	✓	✓
DX .	1069FAST	for water/solvent based inks; polymer dual-cure	like 1069 but shorter exposure time, can be used with CtS	blue	high	B	37	33	✓	✓
DJ .	1070MATT	for co-solvent inks; dual-cure, polymer	matt surface, avoids setting off with ink jet films	purple	high	B	42	38	✓	✓
DO .	1072	solvent resistant polymer	excellent, diazo polymer screen emulsion	purple	medium	B	37	34	✓	✓
DQ .	1075	solvent resistant polymer	extra high resolution; for abrasive inks; fast + flexible	light purple	medium	B	32	29	✓	✓
DA .	1076	solvent resistant polymer	for highest resolution on steel- and Vectry V-mesh	light blue	high	B	40	37	✓	✓
DZ .	1078 SD	solvent resistant polymer	extra high resolution; especially for V-Mesh and steel mesh. For silver paste printing in the photovoltaic industry.	separate dye (red)	high	B	40	37	✓	✓
DR .	1915 WR DIR-AD	textile screen printing; polymer dual-cure	short exposure; high mechanical resistance; avoids bubbles and pinholes; for most modern textile inks; high pressure for decoating	light purple	low	S	41	41	✓	✓
DU .	1920 K DIR-AD	for ceramic printing on tiles	high mechanical resistance; short exposure time can be post hardened	blue	low	S	42	42	✓	✓
DS .	1930 K DIR-AD MATT	for ceramic printing on tiles	extra resistance, can be post exposed, matt stencil surface	blue	low	S	46	46	✓	✓
DB .	1970 DIR-AD	solvent / water resistant	short exposure; economic and universal	blue	low	S	33	33	✓	✓
DD .	1975 DIR-AD	a „universal“ emulsion	best resolution and excellent edge definition, on white mesh; long exposure time for a wide exposure latitude	aquamarine	low	S	38	38	✓	✓

- store and use under cool conditions; use always fresh Diazo
- Contact FOTEC AG for bulk supplies.
- all emulsions commencing with digits 19.. are DIR-AD; the Diazo powder is added directly without dissolution in water.

D = Diazo in: S = Sachet / B = Bottle