



## SCREEN PROCESS STENCIL MATERIALS SALES PROGRAM AND PRODUCT DESCRIPTION

**FOTECAP** Capillary Films (restricted shelf life, except for ZIRCON; store cool and out of sunlight)

Date: 4/11 Page: 9

Code <small>3<sup>rd</sup> letter for size</small>	Prod.No.	Dry film thickness  (+/- 2 micr.)	Type  <b>Diazo sensitized</b>	suggested mesh no.: not coarser than:		Description  For all capillary films:  use FOTECHEM 2025 to build an even water film on the mesh	Roll sizes (6 rolls per carton)		
				metal	synthetic		other lengths on request other widths on demand (122 or 132 cm)		
							106 x 750 cm	106 x 1500 cm	106 x 2500 cm
FC .	<b>4118 TOPAZ</b>	18 microns	solvent resistant	300	140	High resolution and definition films on clear polyester carrier with excellent ink suitability. The flat stencil surface allows best possible reproduction of art work coupled with perfect printing edges.  The choice of the right film thickness for the needed mesh number is paramount for the highest printing quality result.  Capillary films should be adhered to degreased and abraded mesh.  These thicker capillary films can also be adhered with FOTECOAT 1711 like an ind./dir. system, or can be reinforced after the stencil transfer with the same emulsion from the squeegee side. (increase exposure time by 30%)	✓	✓	✓
FD .	<b>4122 TOPAZ</b>	22 microns	solvent resistant	280	120		✓	✓	✓
FE .	<b>4125 TOPAZ</b>	25 microns	solvent resistant	250	90		✓	✓	✓
FH .	<b>4128 TOPAZ</b>	29 microns	solvent resistant	230	77		✓	✓	✓
FK .	<b>4135 TOPAZ</b>	40 microns	solvent resistant	200	72		✓	✓	✓
FP .	<b>4150 TOPAZ</b>	52 microns	solvent resistant	110	34		✓	✓	✓
							<b>sheets only</b>		
FS .	<b>4512 CD/UV</b>	12 microns	dual-cure polymer	330	150	extra thin capillary film can be transferred with FOTECOAT 1000	<b>sheets and rolls</b>		
<b>Diazo free</b>									
KC .	<b>4615 ZIRCON</b>	17 microns	solvent resistant	300	140	<b>Diazo-free; photopolymer</b>	✓	✓	✓
KD .	<b>4620 ZIRCON</b>	22 microns	solvent resistant	280	120	<b>Short exposure time</b>	✓	✓	✓
KE .	<b>4625 ZIRCON</b>	27 microns	solvent resistant	250	90	<b>Longer stocking time</b>	✓	✓	✓
							<b>sheets and rolls</b>		
KR .	<b>4815 IP</b>	15 microns	solvent-resistant	300	140	<b>IP</b> = "identical profile", semi matt	132 x 1000 cm		
KS .	<b>4825 IP</b>	25 microns		250	90	<b>EOM</b> remains almost equal, independent	132 x 1000 cm		
KU .	<b>4850 IP</b>	52 microns	photo-polymer	150	43	of adequate mesh number.	132 x 1000 cm		
KV .	<b>4880 IP</b>	80 microns		100	90	Very short exposure time with MH,LED,LDE	106 x 1000 cm		
KA .	<b>4800</b>	100 microns	solvent-resistant	100	90	<b>extra thick; short exposure time</b>	132 x 1000 cm		
<b>SHEETS</b> cut to size. 1 carton = 100 sheets. Sizes over 60x80 cm: 100 sheets in 2 boxes, each box 50 sheets									