



ADVANCE

TECNOLOGIA EN TINTAS SERIGRAFICAS

REPUBLICA 1857/61
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CALCOPLASTIC INK SERIES

TYPE OF INK: Plastified ink with smooth touch, high viscosity and good coverage over clear and white fabrics.

SUBSTRACTS: For direct application or transfer over nylon, polyester, cotton and jean fabrics.

MESH: These ink don't dry by itself mesh 25 H to 120 H can be used.

CURE IN DIRECT APPLICATION: Generally and depending of the ink discharge 100 °C to 160°C. and 30 to 60 seconds are needed for drying.

ADHESION TESTING: It's made by stretching the ink film, if crackles and don't return to original position more temperature or time is needed. Other test can be made by rubbing a white fabric over ink film, ink must stay without changes.

PRE-CURE FOR TRANSFER: For transfers it's necessary pre-cure the ink between 85 °C to 95°C. transfer powder can be added in the last color if is needed.

With these technic most different types of transfers (for clear and dark back, high resistance) can be produced.

IMPORTANT: If pre-cure temperature is excessive the adhesion when transfer made be low. When these problem happens in order not to loose the work you can make what we call a DRY TRANSFER, cure all transfer with 110 °C, apply an overprint plastisol clear-H100- pass trough transfer powder and cure again with 110 °C. Can be also mixed the plastisol clear 85% and transfer powder 15% and used like overprint clear.

DIRECT PRINTING OVER DARK BACK: Mesh 25 H to 45 H must be used, if needed, overprint with the same ink with a pre-cure between them if it's necessary.

DIRECT PRINTING OVER CLEAR BACK: Mesh 25 H to 120 H can be used, softer touch and less coverage is obtained by increasing the number of mesh. you can also mix the ink with plastisol clear - H100 - in order to get a cheaper ink.

DIRECT PRINTING OVER FABRIC WITH DIFFICULT ADHESION: For these type of fabrics we recommend the addition of 10% to 15% of PLATIBOND (important life pot after mixed 8 to 10 hs) these addition will give maximum adhesion after 72 hs.

REDUCER: PLASTISOL REDUCER 115 - D062, we recommend the addition of 10 % by weight. More proportion of reducer can produce migration over the printed fabric

CLEAN UP: Use CLEAN UP THINNER - D012 to reclaiming.

EMULSIONS: REPRO HD PLAST, SOLVEN PLAST HD, FOTO PLAST SDF, FOTO DUAL TS.

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