

## EP SERIES PASTES PVC& PHTHALATE-FREE PASTES

- PRODUCTS** : **EP 1991 REFLECT CLEAR** – Clear reflective  
**EP 1992 BRILL REFLECT CLEAR** – Clear reflective with brill effect  
**EP 1993 REFLECT GREY**- Grey reflective  
**EP 1994 BRILL GREY REFLECT** –Grey reflective with brill effect
- FEATURES** : PVC&Phtha-Free oil based paste,  
High and Sharp Lines in print effect, Excellent elasticity,  
Ability to work with High Mesh Numbers, no stoppage,  
Comfortable and longterm working condition in the screen,  
Compliance with ecological standarts.
- APPLICATION** : These are ready to use reflective effect pastes with good coverage and brilliant effect. To obtain colorful reflective effect on fabric, firstly colorful design must be printed as a layer and then clear reflective inks must be printed as a top without adding any color. To obtain grey reflective effect on fabric, Grey reflective inks can be printed directly without printing any base layer. . To obtain more coverage and reflective effect, they can be printed two or more times by applying flash cure between each laver.
- COLOUR** : EP 1991 REFLECT CLEAR – Clear  
EP 1992 BRILL REFLECT CLEAR- Clear with brill effect  
EP 1993 REFLECT GREY – Grey  
EP 1994 BRILL GREY REFLECT – Grey with brill effect
- VISCOSITY** : (Brookfield25°CSp:7,Rpm:1)500,000–2,000,000mPas
- SCREEN** : 43/T-55/T- Treads/cm is advised.
- FIXING** : Fixing temperature and time;165°C-175°C'de,1,5-2minutes.
- CLEANING** : Screen and all other equipments may be cleaned by synthetic thinners.
- WASHING** : All group must be washed in 40°C and below.Prints with glitter adhesive, flock binder and puff paste must be reverse washed.
- PACKING** : Plastic Packages of 5-6Kg.
- STORAGE** : Product should be stored at well vantilated room with between +10°C and +25°C temperature. It should be away from direct sunlight, excess heat and cold. Products should be stored with their sealed container. Expiry date is 12 months from the production date.

**Considering that EP ECOIL series are oil based, to pay attention to the following application conditions are very important for a better printing operation.**

- Drying of the prints are very important for the applications of Oil Based Ecoil Products! Because of that reason it is recommended to check and confirm whether the printing temperature is convenient for the fabric or not!
- Complying with above mentioned fixing degree and fixing time is important.
- 2 or more short time fixing must not be applied apart from the mentioned fixing conditions. Curing must be completed at once in mentioned minutes.
- Flash curing should be done carefully.
- Silicon screen separator sprays or similar other chemicals must not be used during and after printing.
- Any other products excluding EP Group must not be used. (EP Group is specific group of products, must not be mixed with any other product, only with its own group)
- Any silicon or softeners on the fabric may decrease the quality of the printing.(any chemicals on the fabric from finishing process)
- High percentage of polyester, polyamide (nylon) and similar other fibers in the fabric may disable the holding of the ink to the fabric and may decrease the quality of holding,
- Normal and vapoured ironing must not be done over a surface of a fabric printed by EP Series ,
- After fixing or during packaging, printed surfaces of fabrics must not be placed over one surface to another unprinted surface. To prevent any touch of printed surfaces it is recommended to use Indian Paper.
- To prevent oiling, it is recommended to add 3-5% EP 1920 Puff Paste while printing high screen,
- It is recommended to be carefull for the reducer which may speed up or increase oiling,
- After some time, oiling may be observed over the printed ground where ink is applied.

If above mentioned parameters are not well followed, ink will not hold the fabric successfully and bonding will not be satisfactory. Because of that not bonding parts inside the ink may pass to fabric. (may cause oiling).

Note :Above mentioned qualified data is obtained from our R&D tests done in our own R&D labs. Supplied as General Knowledge and Information only and should not be considered as a Warranty Information. Printing Quality may change for different company conditions. Please start your production process after completing your own trial tests. Please stir before using the product and keep the product in room temperature.