



SMP-DSF

Flexo Printing Plate ---- for Corrugated Box

Applications

SMP-DSF is made for high quality printing in a board range of printing applications. It is especially suitable for flexible packaging printings, plastic film, paper bags, tag & label, napkin, paper cup, notebook and aluminum foil.

Product Features

- Easy to washout.
- Excellent ink transfer.
- Smooth ink coverage.
- Wide exposure latitude – no need of masking.
- High clarity and transparency for easy mounting.
- Adapted especially well for Asian Characters printing.
- Dimensionally stable polyester backing for accurate register.
- Deep relief shoulders leading to a fine and clear looking finished plate.
- Uniform plate thickness, proper shore hardness and resilience to ensure printing quality.

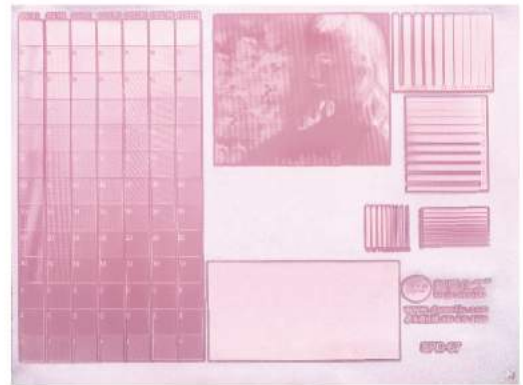


Plate-making Process

- Back exposure: Expose the plate through the back to establish the floor. Vary the back exposure time according to relief required. A proper relief helps the formation of a fine graphics.
- Plate Making: Remove the protective coversheet, and image the plate with the digital imager equipment.
- Main Exposure: Remove the protective coversheet and expose the front of the plate to form image.
- Washout: Use any safe-solvent solutions or other environmentally safe solution to remove the unexposed photopolymer.
- Drying: After washing, dry the plate in a vented hot oven (60°C) to remove the residual solvent. It is recommend that the plate be allowed to set aside at room temperature for 12 hours till return to the original thickness.
- Post Exposure: Post expose the plate under the UV lamps to fully cure the plate to strength.
- Detack: Finish the plate under UVC light to eliminate surface tackiness.

