

Instructions and precautions for print equipment with coated OP

1. OP role and introduction

OP is a solution based on water, environmentally friendly, odorless, and pollution-free. After printing the treatment liquid on the surface of the uncoated fabric and material, the water-based ink can be accurately positioned and attached to the material to ensure the sharpness and firmness of the jetted image.

Process: Print OP — » Print water-based ink — » Moisture drying and curing — » Adhesion and combination with materials

2. Setting of printing conditions (**Requires attention**)

Print platform temperature	Front: 50-60℃ Middle: 30-35℃ Back: 50-60℃
Environmental temperature and humidity	Temperature: 18-28℃ Humidity: 60%-70%
Bake curing temperature	According to the maximum heat resistance of different materials, set the corresponding baking temperature. The drying and fixing temperature of the ink surface is 100-140℃.

3. Print OP usage instructions

PET film, car sticker, 3M reflective film	5%-15%
Fine-grained fabric	5%-10%
Convex texture fabric	10%-30%
According to the smoothness and ink absorption of the surface texture of different materials, the amount of OP can be increased or decreased appropriately.	

4. Precautions for printer equipment

(1) Avoid mixing OP and color or mixing OP and white ink, otherwise it will cause ink reaction to form precipitation and cause clogging.

(2) Syringes, cotton sticks, dust-free cloths, etc. used by OP print heads cannot be used for color and white ink print heads. Otherwise, the print head will be broken and blocked.

(3) When printing, please keep the surface of the material flat to prevent the surface of the OP-printed material from rubbing against the surface of the print head, causing blockage.

(4) After the printing equipment is turned on and before turning off, clean the print head and print a test strip, and check the nozzle condition. If there is any broken needle, deal with it in time and keep the nozzle in the best condition.

(5) When the print head is in use, clean any broken needles in time. If repeated cleaning does not improve, use a cotton swab moistened with distilled water to gently wipe the surface of the print head. **(Remember that the cotton swabs used by OP cannot be mixed)**

(6) When the print head needs to be cleaned manually, both OP and water-based ink can be cleaned with distilled water without cleaning liquid. **(Remember that the syringes used for OP cannot be mixed)**

(7) Keep the print platform, print head bottom plate, wiper blade, ink stack and the periphery of the moisturizing plate clean.