

Flyers printed matters needing attention and skills

(leaflet printing Gold Printing Group <http://www.goldprinting.cc>)

Leaflet printing matters needing attention

First: leaflet printing ink performance

Concentration, concentration of large amount of ink in printing ink use less, ink is better;

Concentration of small amount of ink in the leaflet printing ink use is more, inky light;

Fineness: ink particles, the size of the ink fineness high, ink concentration of large, single print dot clear and forceful; Low ink fineness, site is easy to be afraid of print, plate printing rate low resistance;

Viscosity, viscosity, easy to cause the ink unevenness, branches and flower version phenomenon such as hair; Viscosity is small, easy to cause ink emulsification and layout of floating dirty phenomenon;

Fluidity, fluidity big, can make the level of the graphic is unknown, the ink is not full; Degree of flow is small, make the ink transfer smooth, uniform, easy cause before the same printing on the surface has a deep shallow shallow before or after deep phenomenon;

Light resistance, light fastness good ink, print out the product colour and lustre is gorgeous, graphic dot full, strong, rich stereo feeling, and can be long-term preservation; Poor light fastness of the printing ink, printed products easy color becomes shallow, dim; Water resistance, acid resistance, alkali resistance, for offset printing ink, it is important to pay special attention to its water resistance, acid resistance, alkali resistance, water resistance, acid resistance, alkali resistance strong ink, printed products, bright color, distinct, points clear; Ink water resistance, acid resistance, alkali resistance is poor, printed products, gray level, network is not smooth.

Second: leaflet printing run

Education version fluid PH generally between 3.8-4.6, in the actual production according to the specific situation to adjust printing conditions, if education version liquid acid is strong, sand holes of blank layout and graphic oil-wet part corrosion resistance will increase, easy flower version phenomenon, make the plate printing resistance rate decline; And ink emulsification, deinking, ink roller print to grey.

If the education version liquid acid is too weak, would make the plate blank part of the hydrophilic fumed oil resistance is abate, layout is easy to dirty and paste version phenomenon caused by print dot enlargement (UV ink printing, if education version liquid acid acid, layout is easy to dirty).

Third: a single formal printing. The main points of the

Official press, the operator should focus on to do:

A see: machine running situation, look at the sample ink, alignment, and network quality;

Listening: listen to the sound machine with and without exception, listen to the machine vibration sensitive area with and without noise;

Three touch: touch the machine easy to heat up due to wear and tear parts, if there is a significant temperature variation;

Four smell: the smell is there any electric and other abnormal smell of burning. (UV ink printing should pay more attention to the UV machine when the power cord);

Five check: check whether there is any abnormal situation on printing quality and the machine and found the problem, eliminate in a timely manner.

Leaflet printing skill how to identify the size of the water

Identify the size of the water, should first see the layout of water. This, by the operator's experience. In general, the quantity is big, strong board reflects the light, side light; Conversely, layout of the reflected light is weak, with darker side; If the quantity is too big, can also be observed from the following several points: the shovel on the ink roller ink in paper, paper jam will leave tiny water droplets; There is tiny water droplets on series water roller, ink roller group deinking phenomenon or water; Clearance after water or stop longer pages with moisture is still not dry; Molecularly imprinted dot emptiness, inky dark matt; Rubber roller had ShuiYing tail tip or water droplets. Control of water ink and water right is not absolute incompatible. In the process of actual printing, printing ink and water passes through the rubber roller and rubber roller extrusion,

will fuses in together, make the ink emulsification. There are two kinds of ink emulsification condition: when water ink hour, form the "oil-in-water"; When the water little ink big, form "invert". Water in offset printing process, the size of the master degree and the imprinting of the normal transfer, the depth of the ink, the accuracy of the tinted, prints, dry and sticky dirty and so on has a very close relationship. In general, water is big, make the ink emulsification, inky shallow; Water small, layout of the blank part will ink adhesion, dirty mark. Therefore, offset printing control the ink is the key to the printing.

How to control the ink balance

Ink balance control, to grasp the principle of water ink thickness less commonly. Water less, is refers to the layout of blank part on the premise of not sticky dirty; Ink thickness, is established on the basis of water less appropriate increase the amount of ink. In the printing process, water is the most taboo thing big ink. When considering water, should be depending on the layout of graphic size and distribution of nature, imprinted ink layer thickness, the printing paper, ink performance, machine running speed, workshop temperature and humidity and liquid version of PH values, and in printing ink added auxiliary agents such as the case may be. ([Gold Printing Group](#))