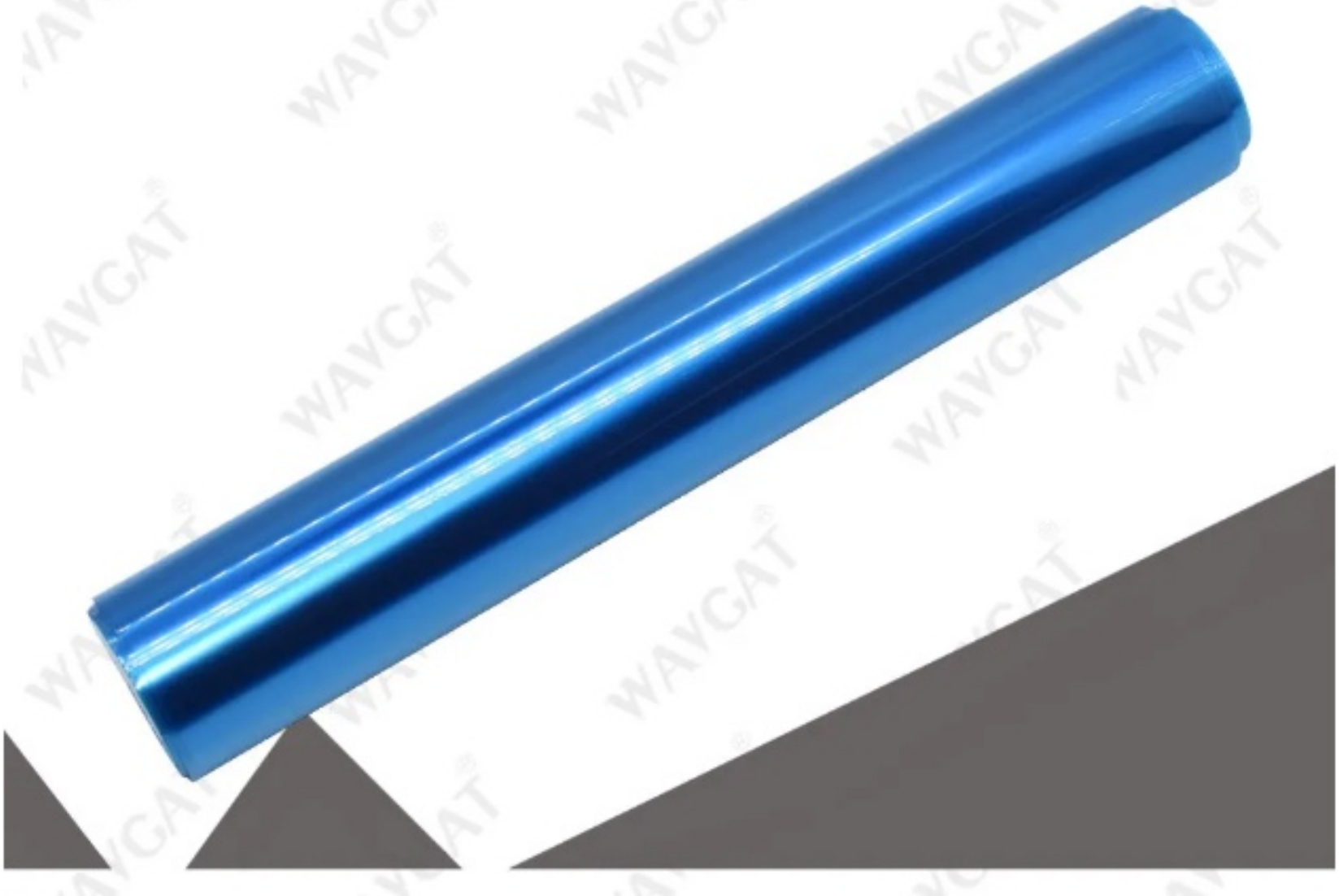
Photosensitive dry film negative light film

- ☑ Instead of heat transfer printing PCB board
- ☑ 15CM*2 meters wide



Product introduction

- The most popular way to make PCB boards in home conditions is through hea t transfer printing and the use of photographic plates. Heat transfer printing is t he most unacceptable must have a high quality laser printer and heat transfer ma chine support, but also a fatal insurmountable disadvantage is prone to powder break, so can not achieve a high line accuracy. Although the sensitive plate has the ability to achieve the accuracy of the line below 0.05mm, but because of th e price is slightly expensive, ordinary people are not willing to use it. Now it is good, we have the sensitive dry film, we can take the length of the two, with th e price of heat transfer printing, to achieve the quality of the sensitive plate. Tr uly is the Gospel of the majority of electronic lovers, from now on no longer ne ed to worry about PCB board, truly let you get like a tiger with wings, arbitrary galloping feeling.
- Green before exposure, blue after exposure, light odor, almost negligible, suit able for home conditions.
- With the help of the dry film, the ordinary copper plate can be turned into ph otographic plate, which can completely replace the heat transfer printing to mak e PCB board.
- With this dry film, you will make your own plates.

Instructions for

Here's how to do it, with a detailed tutorial to follow, and it's actually quite ea sy to succeed:

1. Polish copper clad plate, this simple, with the finest water sand paper polish ed clean on the line. (This step is not necessary, as long as the board is free of oil stains and so on, you can skip this step)

2. Uncover the film, the photographic film is sandwiched between two layers of film, first tear off one side can be torn with transparent adhesive paper, try a fe w times.

3. And then film, copper coating a little clean can be, flat, try not to have bubb les.

4. After pasting the film, the plastic machine is used. It is not too hot and fixe d at about 100 degrees.

5. Printed circuit board film, it is recommended to use film, can achieve the hig hest fineness, if the accuracy is not required to use sulfate paper to print. (The picture below is a high-precision inkjet film)

6. Place the printed circuit diagram on the photosensitive plate (note: Dry film i s negative, so it is necessary to reverse white printing, which is the opposite of the photographic plate we usually use) with ordinary energy-saving lamp about 1 0, if there is an exposure machine on the line for 1 minute, under the sun did n ot try, should be 30-60 seconds or so, the exposure process is very obvious, be cause the photographic film will change color during exposure, from light color to dark blue. You will easily see your circuit diagram displayed on the board.

7. Development, tear off the protective film on the panel, put in the developer (developer according to 1:100,10 grams of water, a total of 1L) development ca n be used to wipe the test board with a sponge stick.

8. Etching, this need not say more (ferric chloride, environmental etching agent, hydrochloric acid + hydrogen peroxide, etc.) suggested using our shop environm ental etching, fast, clean, no smell.

9. Etched copper cladding, stripping, stripping agent according to 1:60 or 70 w ater, the board bubble for a few minutes, after the completion of the board, very good, very beautiful good, the most dense line distance is 0.1mm, line width 0.1 mm, although know to do 0.1mm line is easy to do, but do 0.1 line and 0.1 line distance dry film can also be easily made.

Product size

15CM*2 meters wide

Weight: 38g

Product will