Shenzhen Mibils Precision CO.,Ltd
ADD.: No.1134, Guan'guang Road, Xinshiqiao, Guihua Community, Guanlan, Shenzhen, China
TEL: 0086-755—28527732 EXT:8022 FAX: 0086-755-89356455
www.milabels.com Summer.chen@mibils.com

Subject: Polyimide Labels

Polyimide Labels Structure

1. Polyimide film as the substrate, coated with special pressure-sensitive adhesive, with good chemical resistance and wear resistance, the maximum resistance up to 320 ℃ temperature, the flux, melt and cleaning agents, etc. Chemical substances have a certain anti-corrosion effect, used in high temperature and wear in the extreme environment can maintain excellent performance. It is designed for printed circuit boards with character or bar code labels because it can withstand the erosion of welds, melts and the like that are faced with the production of printed circuit boards. The current thickness is mainly 25um, 50um two. Common colors are black and white. High temperature label stickers are widely used in many electronic products SMT and crest process, the motherboard, corrosion products, mobile phones and lithium batteries and other products of high temperature labels.

2. Adhesive

Now the adhesive is generally divided into three categories, Rubber, Acrylic, Silicone. Rubber is the low cost, temperature and chemical resistance is poor, highlighting the aging resistance is poor. Silicone performance is superior, but the highlight is very expensive. Acrylic adhesive, the temperature of about 200 degrees, resistance to chemical oxidation resistance is also very good price is also moderate, and now some of the brand adhesive tape 90% are used to do the acrylic. High temperature labels using permanent acrylic pressure sensitive adhesive.

3. Release paper:
Glassine release paper, white single copper release paper, silicon yellow release paper, PET release film

Products Applications

Widely used in Electronics manufacturing, Aluminum and Aerospace and other industries.

a. Circuit board label: electronic circuit surface mount process, can be used thermal transfer printing and show the best and first-class read rate. The label can be stained even if the label plate is removed directly from a solderable environment. If the label is preheated, it can withstand resistance to chemicals such as welds, melts and detergents, as well as extreme temperatures in high temperature and wear, to ensure good performance in a variety of extreme harsh environments.

b. Motor Label
c. Automative Engineer Labels