

Introduction of Hot Melt Adhesive Film for Electronic Product Application

Detail Introduction :

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Electronic products have now penetrated all aspects of human life. Computers, mobile phones, and many other electronic products are used by everyone every day. But you may not know that behind these products, there are many hot melt adhesive films.

1. Hot melt adhesive film for electronic product protective cover

A relatively intuitive application of hot melt adhesive film in electronic products is the compounding of protective covers for electronic products. The speed of electronic product updates is overwhelming, and consumers have higher and higher requirements for protective covers, from the aesthetics of appearance to the internal quality of products, as well as environmental protection requirements. The protective cover has also been changed from the original sewing process to the non-sewing process (voltage, hot pressing). In each production factory used glue to bond; not only is the quality poor and the efficiency is low, but also the scrap rate is extremely high, which consumes a lot of labour.

The relatively high-end electronic product protective cover involves the composite bonding of leather and plastic. At this time, high-efficiency and clean hot-melt adhesive film products are often used, and TPU hot melt adhesive film is often used for bonding. TPU hot melt adhesive film often has a better bonding effect on leather, PU leather and various plastic materials.

2. Hot melt adhesive film for electronic shielding materials

In addition, the application of hot melt adhesive film in the field of electronic shielding materials is also mature. Electronic shielding materials involve the composite of foam and conductive cloth, and PES hot melt adhesive film is often used. In electronic shielding materials, the requirements for the thickness of the hot melt adhesive film are relatively high. Thin hot melt adhesive film products are often used, and the control of the film thickness accuracy is better. Sometimes, according to the requirements of electronic enterprises, flame-retardant adhesive film is also required. The product has a certain flame retardant function, which puts forward relatively high requirements for enterprises producing hot melt adhesive films.

As a new type of adhesive product, hot melt adhesive film has many application highlights. With its advantages of environmental protection, high efficiency and cleanliness, it is attracting the attention of electronic material application developers in the industry.

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