

What factors determine the price of hot melt adhesive film

Detail Introduction :

As hot melt films are becoming more and more widely used, they are gaining more and more attention. However, many people do not know much about them. There are many hot melt film materials, and the price difference between two different types of hot melt films can often be significant.

Raw Materials Used

Hot melt films are made from various raw materials such as EVA, TPU, PES, PA, PO, etc. The Chinese names are ethylene-vinyl acetate copolymer, thermoplastic polyurethane, polyester, polyamide, polyolefin, etc., and this is just the general classification. Under each category, there are also differences in formulation, particle grades used, all of which lead to differences in raw material costs and ultimately affect the price of the finished hot melt adhesive film.

In addition, the price difference between imported or domestic raw materials is also relatively large. Some special models of hot melt films, developed for special applications, may use higher-end imported raw materials, which are often more expensive, resulting in a much higher price for such models than ordinary hot melt films.

Production Process

The production process of hot melt adhesive film also affects the price of hot melt adhesive film to some extent. Because of the different nature of raw materials such as film formation and initial viscosity, the process of processing differs. If some raw materials must be coated during production, the substrate is used to form the hot melt film, and the cost of the substrate is taken into account. Some raw materials are subject to production losses, which can affect the product's final price.



How Hot Melt Film is Quoted?

The adhesive industry often uses a per-ton price quote. Still, the hot melt film industry generally quotes per square meter, which is a more convenient and reasonable way to quote than per meter because of the complexity involved.

Hot melt films are usually sold in rolls with a certain thickness, width, and length specifications. In the hot melt film industry, the thickness of hot melt film is usually measured in filaments, 1 filament = 0.01mm, and the thickness is usually between 1.5 and 20 filaments, or 0.015mm-0.2mm. Hot melt film products that are outside this range are not often made, and if they are, it is generally difficult to control the thickness tolerance because the machine is too thin or too backward.

The length of the machine die for manufacturing hot melt film is generally 1m-2m. If it is less than 1m, the slitting machine is usually used to slit according to the customer's requirement, so as long as the required width is less than the die length, it can be slit. If the required width is greater than the width of the die, it is not easy to do, but only by the late connection. If you have to produce it, you have to change to a bigger die.

The length of each roll of hot melt film is usually 100m-200m, but it can be customized according to the customer's needs. The thinner the product, the more meters can be made, and the thicker the product, the fewer meters.

Since the unit price is calculated by square, we are not affected by the width when we get a quote but by the thickness and material.

How do I get a quote for a hot melt film?

Suppose you are a buyer and need to find and price a hot melt film. We recommend identifying one or more hot melt films that meet your requirements and then making a targeted inquiry.

First, you must be clear about what materials you need to bond with the hot melt film, as it is a matter of determining the type of hot melt film and then the process you intend to use to choose whether the hot melt film should be with or without a base material. After these two aspects are clarified, the hot melt film manufacturer recommends the right hot melt film product for you and the right product specification. When these are determined, the manufacturer will generally give you a ladder quote based on your usage, calculated on a fair price basis.

Of course, you can also ask for prices in meters, rolls, and tons, but they are generally converted to a square meter.

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