

How should you choose hot melt adhesive film

Detail Introduction :

As we have said more than once, glue is like medicine, and it is only when the right medicine is applied the disease is eliminated. Therefore, different types of hot melt adhesive films are often used for different materials and needs.

The selection of hot melt adhesive film is a professional issue. The result of the selection will directly affect the quality of the laminate, so in essence, the selection of hot melt adhesive film is a technical task. If it is a product under development, a bad choice of hot melt film will lead to poor lamination or direct failure of product development.



There are often some differences between the shoe industry and the apparel industry. Although they both involve some fabric and leather binding, there is often a higher requirement for water resistance in the garment industry. At the same time, the shoe industry often does not have too many requirements, so the shoe industry will use EVA film a little more, while the garment industry uses TPU film a little more. Because the washing resistance of TPU film is generally better than EVA film, the softness is also better, which is in line with the characteristics of the apparel industry.

It should be noted that the same material is only the same as the general category of films, but there is a big difference between the specific models. For example, there may be multiple models of TPU films produced by the same manufacturer, and the formulation of each model is different. Therefore, there are differences in the sizing process and differences in performance, such as bonding fastness and wash temperature resistance. Therefore, when choosing a hot melt adhesive film, it is necessary to check the physical parameters of the hot melt adhesive film. Such as melt temperature, melt index, softening point, yellowing resistance index, how many degrees of washing resistance, high and low-temperature cycle times, etc.

Therefore, in general, the selection of hot melt adhesive film is a technical issue that needs to be taken seriously by the purchaser and requires a certain amount of effort and time. Specifically, the selection of hot melt adhesive film must be determined based on the actual requirements of your project and only after specific testing. This requires you to contact a professional manufacturer, listen to professional advice, narrow down your choices, and then go through multiple sample tests to determine which hot melt adhesive film to choose. Once the model is determined, as long as the material does not change, there will be no changes behind it.

To summarize, the following points need to be noted when choosing hot melt adhesive films.

1. for different materials, different types of hot melt adhesive films should be selected for the application.
2. check the physical parameters of the hot melt adhesive film to see if they can be met with your process conditions.
3. select a few films that can meet the process conditions for testing, and finally determine the best film.

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