What Should I Do if the Material is Deformed Before t Hot Melt Adhesive Film is Melted

Detail Introduction :

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We have already introduced hot melt adhesive film, which requires three process elements: temperature, p and time. As the application of hot melt adhesive film becomes more and more extensive, more and more materials are trying to use hot melt adhesive film for bonding. At the same time, many problems will be enc because different materials have their characteristics. Additionally, if you do not understand the properties film itself, you will often discover some uncomfortable situations.

When customers use hot-melt adhesive film, there is a situation that the material itself is deformed when th melt adhesive film is not melted during hot pressing.

This is due to the fact that every material has a temperature range that it can withstand, some materials ca withstand high temperatures, and some materials can withstand low temperatures. When the temperature resistance of our material itself is not high, it is easy to be deformed by heat. And when we choose hot me adhesive film to bond this material, we must consider this temperature condition. If the melting temperature selected hot-melt adhesive film is similar to the temperature resistance temperature of the material to be a to, even if the hot-melt adhesive film is melted, the material will become soft. Under the simultaneous actio pressure, the material will be affected. Compression deformation, let alone bonding, the material will be sc directly.

So, how can we solve this problem? In fact, we only need to deliberately choose a low-temperature hot me adhesive film for material bonding. As long as the use temperature of the hot melt adhesive film is lower th softening temperature of the material itself, it can ensure that the adhered material will not be deformed du hot pressing process. When material developers select the type of hot melt adhesive film, they need to tak problem into consideration in advance and narrow the range of hot melt adhesive film models to achieve a effect with half the effort.

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