

Why does hot melt adhesive film appear to be back sticky

Detail Introduction :

Hot melt film back tack is a situation where the layers of hot melt film are bonded to each other without being heated or bonded to the release paper. Many customers who have used hot melt film for production often encounter the situation of hot melt film backtracking, which is not particularly easy to deal with when it occurs, often affecting productivity and increasing production costs. So, what exactly causes hot melt film to stick back?

As we know, hot melt film needs to be melted at a certain temperature before it becomes sticky. If it is not melted, it will not be sticky. If the film is not melted, it will not be sticky. Then the hot melt film must have been melted part of the hot melt film when the film is back sticky. Therefore, when the initial melting point temperature of the hot melt film is too low, it is easy to cause the phenomenon of counter-stick. Especially in the hot weather in summer, plus the temperature of the machine in the workshop will make the workshop temperature gradually rise, the temperature exceeds the initial melting point temperature of the hot melt adhesive film, and the counter-stick will happen.



Another situation is that the formula of the hot melt film itself contains some substances with initial viscosity. That is substances that are sticky at room temperature. And if more of these ingredients are added to the hot melt film, the hot melt film itself will be sticky.

So, how to solve the problem of anti-viscosity to the production company caused by the trouble?

1. You can contact the hot melt adhesive film manufacturer to improve the formula of hot melt adhesive film and increase the initial melting point of the raw material particles of hot melt adhesive film. In addition, you can consider not using some substances that have their initial viscosity.

2. When storing hot melt adhesive film, especially in summer when the temperature is high, manufacturers need to pay extra attention to storing the hot melt adhesive film in a cool place to avoid the excessive influence of high temperature in the workshop.

You can generally solve the problem of hot melt adhesive film back stick through the above two directions. However, some hot melt film formulas are complicated to improve to match the application conditions. Formula modification will affect the performance of other aspects of hot melt film, so manufacturers and hot melt film manufacturers must work together patiently to solve this problem.

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