

# Non-woven laminated hot melt adhesive film needs attention

## Detail Introduction :

Nonwoven hot melt adhesive film is the hot melt adhesive film used for nonwoven lamination. Nonwoven fabrics are usually bonded with nonwoven fabrics, leather, metal, sponge, and other materials. For the bonding of nonwoven fabrics themselves, considering the characteristics of their strength, the requirements for the strength of nonwoven fabric bonding are not very big, so it is not very difficult to select the adhesive film, but there are some points to note.

For nonwoven fabrics' composite bonding, EVA, TPU, PA, PES, and other hot melt adhesive films can meet the requirements. So, if there are no other special needs, choose the more cost-effective varieties.



If the lamination of nonwoven fabrics is considered for special purposes, such as the need to resist washing, we would recommend using TPU type hot melt adhesive film. This is because TPU hot melt adhesive film has better resistance to washing than other varieties. For example, if the nonwoven fabric is laminated with metal, we recommend PES hot melt adhesive film because PES hot melt adhesive film tends to have good adhesion to metal.

Another point to note is that nonwovens are usually thin, so we usually do not use hot melt films with too much thickness because too much glue can lead to quality problems such as glue penetration after lamination. Therefore, thin hot melt adhesive film products are more popular in the lamination of nonwoven products, so most of the time, low-grain hot melt adhesive mesh film is also the preferred material for nonwoven lamination.

Finally, when we laminate nonwoven fabrics, we need to pay extra attention to the grasp of the laminating process, especially when laminating sponges and other materials. It is necessary to control the laminating temperature and laminating time to avoid inappropriate bonding or adhesive permeability problems.

The selection and operation of nonwoven hot melt adhesive film are about this. Of course, we will also be based on the specific situation to determine the use of a specific model of hot melt adhesive products and the optimal process program. When it comes to developing new materials and processes, prototype testing is a necessary part of the process.

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