

# What Kind of Hot Melt Adhesive Film is Used for Pet Bonding

## Detail Introduction :

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PET is a standard plastic product, and PET film is often used for electrical insulating materials, substrates, and metallized films made by vacuum aluminum plating. There are also ordinary plastic bottles, and many are made of PET.

PET is relatively difficult to stick with plastic products, but its bonding can be achieved using hot melt adhesive film. Therefore, hot melt adhesive film plays a vital role in the adhesion of PET materials, especially PET films.

What kind of hot melt adhesive film is used for PET film?

Generally speaking, if the requirements for bonding strength are not very high, we usually recommend the use of EVA hot melt adhesive films for bonding. EVA hot melt adhesive film has a wide range of bonding capabilities; that is, the material adaptability is relatively good, and it can have relatively good bonding strength to many materials, so it can also have a certain bonding to PET film. However, EVA hot-melt adhesive film also has its inherent shortcomings. One is that the high-temperature resistance is average, and the hydrolysis resistance is not very good. Therefore, when these performance requirements are met, the EVA hot-melt adhesive film cannot be used for the bonding of PET films.

When there are higher requirements for the bonding of PET materials, we usually use polyester hot melt adhesive films for bonding. That is to say, PES-type hot melt adhesive film is used. Compared with EVA hot melt adhesive film, PES-type hot melt adhesive film has a higher temperature, so it also has a better heat resistance and water resistance. However, compared with EVA hot melt adhesive film, the cost of PES hot melt adhesive film will be higher.

Another very important point about whether to choose EVA hot melt adhesive film or PES hot melt adhesive film is what material the PET film is bonded with. Since the material adaptability of the EVA hot melt adhesive film will be wider, there will be more materials that can stick.

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