

# Hot Melt Adhesive Film in the Shoe Industry

## Detail Introduction :

Hot melt adhesive film has been used in the footwear industry for many years. Its environmentally friendly, efficient, and neat features have enabled it to be rapidly promoted in the footwear industry.

The footwear industry involves the compounding and bonding of many materials and is an industry where adhesive products are very commonly used. In the past, the footwear industry often used yellow and white glue to compound products, which are solvent-based adhesive products and will emit a lot of organic solvents in the use process, endangering workers' health.

## The application of hot melt adhesive film on the shoe label

Hot melt adhesive film has been used in the lamination of shoe labels since long ago. The lamination of shoe labels is mainly to put some labels on the tongue part of the shoe or the logo part on the side. The market for shoe labels in the shoe material industry is very small because of the limited usage.

## Application of hot melt adhesive film on non-turned upper

With the development of the footwear industry, there is a new demand for footwear design. No-stitch uppers have emerged to replace the stitching process partially and are widely used in the production of sports shoes. What has replaced the stitching process is the hot melt film lamination process.



### Application of hot melt adhesive film in upper shoe lamination

Hot melt film has a deep impact on the footwear industry, starting with the application of hot melt film in the lamination of shoe uppers. Due to the breakthrough development of substrate-free hot melt films, the thickness of hot melt films has been significantly reduced. This has enabled hot melt adhesive film to replace the traditional glue lamination process.

### Application of hot melt adhesive film on insole material lamination

The compounding of insoles involves combining mesh and EVA or TPU foam materials. The use of hot melt adhesive film technology instead of traditional glue compounding greatly improves the service life of insoles and makes them more durable.

### Application of hot melt adhesive film on shoe bag root and footbed

As people pay more attention to environmental protection, hot melt adhesive film has started to be used on a larger scale in the shoe-making process. Hot melt films are also used for laminating the roots, waterproof platforms, and footbeds of sandals worn by women.

### Application of hot melt adhesive film insole shoe bonding

Hot melt adhesive film insole shoe bonding is mainly used to produce and process composite shoe soles. The bonding process is not very mature, but it is a trend.

As there are many kinds of materials in the shoe industry, different bonding parts are also different, so different kinds of adhesive film products are involved. Moreover, as the materials are updated, and the process is upgraded, the development of adhesive film products must keep pace with the development of the industry, and new demands will be raised constantly, so products must be developed to meet the new demands.

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