



**Corrugated board and end-of-line:
Anti-slip, surface protection and load securing**

Application description



Anti-slip, surface protection and load securing

Load securing

Alongside conventional systems with film or other form-fit or force-fit elements, there is also the option to use a sprayed-on line of adhesive to secure pallets. Cartons and sacks can be glued together during de-stacking. This prevents the risk of slips. The glues used are only adhesive enough to ensure that the surfaces stick together without becoming damaged during the unpacking process. The adhesive strength depends on the surface and weight of the product and the forces exerted on it. There are a variety of suitable adhesives with different adhesive characteristics on the market. The application width and quantity are also variable and can be adjusted to suit individual requirements.

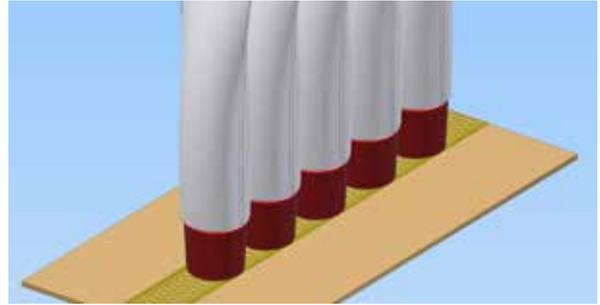
The application heads can be integrated into the production machine, so additional equipment, such as a film machine, is no longer required. It also negates the need for additional secondary packaging, reducing costs and protecting the environment.



Anti slip

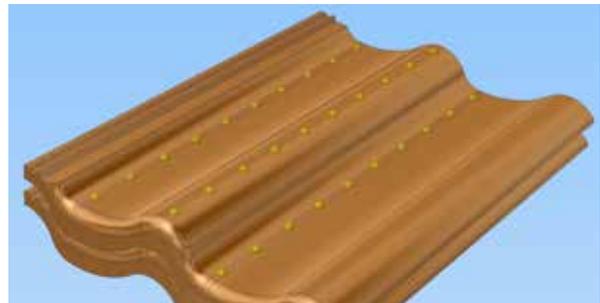
Everyone recognises this effect from non-skid socks that have hot melt dots on the underside to ensure you don't slip. The sprayed on glue creates non-slip areas in the packaging to which the products can attach securely, preventing the risk of damage. The picture on the front page shows a carton in which bouquets of flowers are packed. The cellophane wraps on the bouquets are attached with a total of six adhesive lines.

The products can also be placed in specific positions. This is particularly important when the products are sold directly out of the carton (e.g. at large discounters). This method also means that blister inserts specially tailored for the product are no longer required, saving on costs and waste packaging.



Surface protection

Alongside the anti-slip effect, surfaces can also be separated from one another to prevent scratches. High-quality glazed roof tiles, for example, have raised adhesive dots instead of thin spray applications to ensure that the surfaces are kept separate and do not scratch one another - as well as preventing slips.



An overview of the advantages

- Easy to integrate into the production line
- Effective product protection
- Many more applications possible
- Protects the environment by using less packaging material