



Bag manufacture: Handle manufacture and bonding

Application description



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Market situation

The use of plastic bags is being reduced or even banned all over the world to help to protect the environment. Paper bags are the eco-friendly alternative.

Adhesive application

Handle manufacture

The handle is formed from a paper strip and glued using a hot melt application head. This creates a strong, two-layer strip that can then be cut to the correct length.

The handle is glued to the paper bag using two hot melt and cold glue application heads.

The hot melt has a dual use here:

- attaches the handle quickly
- fixes the glued handle to the paper bag so that the handle does not stick out. This bond can then be released quickly

The cold glue provides the final strength and temperature resistance



Hot melt
to attach the handles

An overview of the advantages

- Eco-friendly product
- Simple handle manufacture
- The handle sits flat on the bag
- Combination of cold glue and hot melt