



green
GLUING

SILICONE RELEASE LINERS AND TEAR STRIPS

Hot Melt Application Solution for Shipping Packaging -
Cost-effective and Efficient

SILICONE RELEASE LINERS AND TEAR STRIPS FOR SHIPPING PACKAGING

Silicone release liners and tear strips can be applied cost-effectively and efficiently to a wide variety of shipping packages, such as shipping boxes, corrugated envelopes, courier bags, and envelopes, using Robatech's adhesive application solutions.

The Right Solution for You

- For shipping packaging made of corrugated cardboard, solid cardboard, or paper, the adhesive is applied directly to the substrate. Next, an applicator (partner company) places the silicone paper or the tear strip on the applied PSA hot melt.
- Mailing bags made of film are sensitive to heat. Therefore, the adhesive is applied directly to the silicone paper or tear strip. The intermittently glued silicone strip or tear strip is then glued onto the continuous film.

High-quality Silicone Release Liners

- Even at high machine speeds of up to 240 m/min, the adhesive application system achieves precise PSA application with clean cut-off.
- The exact adhesive application quantity for the corresponding substrate can be set via the integrated quantity control. Unlike double-sided adhesive tape, this guarantees proper adhesion when changing formats.
- Automatic length adaptation using trigger sensors controls the application length. Regardless of the packaging format, the length of the adhesive application is always correct.

Straightforward System Integration and Control

Thanks to open interfaces and standardized Fieldbus protocols, the application solutions can be easily integrated into existing and new systems. Control is flexible:

- via the folder gluer or courier bag making machine
- via the silicone strip applicator
- stand-alone via the Robatech melter

Advantages

- Straightforward system integration into existing and new systems
- Low operating costs thanks to energy-efficient and reliable application system
- High-quality silicone release liners and tear aids thanks to precise and uniform adhesive application even at high speeds
- Precise placement of silicone strip and tear strip
- Easy format changeover and adhesive quantity adjustment
- Local contact through a worldwide network of sales and service teams

