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GLUING

TEAR STRIPS

Quickly applying to shipping packaging using hot melt adhesive application

swiss
QUALITY 

GLUING SOLUTIONS **ROBATECH**

PRACTICAL TEAR STRIPS FOR E-COMMERCE PACKAGING

Tear strips can be applied quickly and efficiently to a wide variety of shipping packages, such as shipping boxes, padded envelopes bags or shipping pouches, using Robatech's adhesive application solutions.

The Right Solution for You

For shipping packaging made of corrugated cardboard, solid cardboard, or paper, an adhesive strip approx. 3.5 mm wide is applied directly to the substrate, depending on the width of the tear strip. Next, an applicator (partner company) places the tear strip on the applied PSA hot melt.

Shipping pouches made of film are heat-sensitive. Therefore, the adhesive is applied directly to the tear strip. The intermittently glued tear strip is then applied onto the film.

Applying tear strips quickly and precisely

With direct hot melt adhesive application to cardboard packaging, you increase the machine speed from 120-140 m/min to up to 200 m/min when applying tear strips.

The Vivo 18 coating head achieves an even PSA application with precise edge definition and clean cut-off. The width of the application can be easily determined via masks in the nozzle.

Rolls with unglued tear strips have a length of up to 30 km. Machine stops due to roll changes are thus less frequent than with pre-glued tear strips.

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.

Advantages

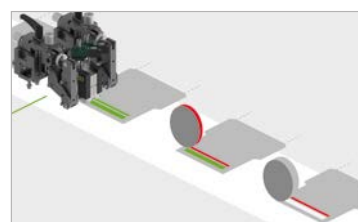
- Increased productivity thanks to application speed of 200 m/min
- Precise adhesive application with clean cut-off and precise edge definition
- Suitable for different substrates
- Rolls with 30-km-long tear strips (unglued) reduce the number of production stops
- Straightforward system integration into existing and new systems
- Global sales and service organization with local contacts



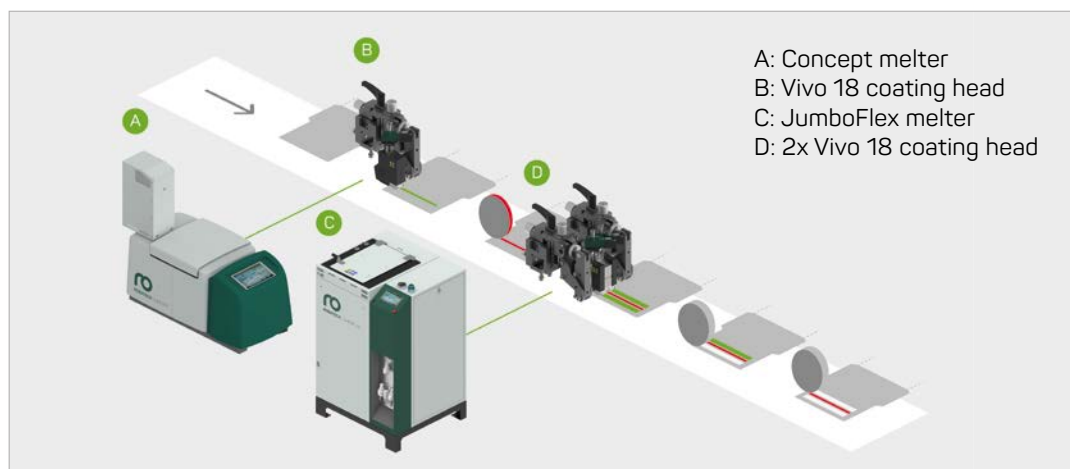
Uniform adhesive application accurate to the millimeter



Precise placement of the tear strip



Tear strip and silicone release liner glued in parallel



Tear strip combined with silicone release liners