

# High-Performance Paper Packaging




Inline-Coated for Heat Seal and Moisture Protection



## Rethinking Paper: Performance Added Inline

Paper is becoming increasingly important as a recyclable packaging material. But many applications demand more than a paper-based substrate alone: moisture protection, stable processing and a reliable heat-seal layer. That's why W&H and Henkel developed a solution that closes this gap. The functional coating is applied inline during printing, giving the paper exactly the performance needed for modern packaging, without extra process steps and without compromising recyclability.

## Your Advantages

-  Inline application, stable processing and consistent print register
-  Exceptional heat sealability
-  Outstanding barrier properties against moisture and water
-  No compromise on recyclability
-  No additional coating steps, reduced material handling, time and costs



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## Why Choose W&H Inline Printing?

Packaging today must fulfill a range of functional requirements while production costs remain under pressure. Inline coating integrates these functions directly into the printing process, allowing coatings to be applied in one efficient step. This reduces handling, shortens production time and ensures consistent quality at high speeds.

## Why Choose Henkel Coatings?

Henkel's portfolio of heat seal and barrier coatings enables functional paper-based packaging compatible with recycling and repulping processes. One example is AQUENCE BC 5100 RE, a versatile water-based barrier coating designed for both food and non-food applications, which enables smooth application and reliable performance even at high line speed.

### Your Advantages



Wide range of materials  
(Paper, MDO-PE, OPP, etc.)



Wide compatibility with common coating types, incl. barrier coatings, heat-seal lacquers, protective varnishes, cold-seal, primers, effect coatings and print protection



Increased production efficiency with high throughput thanks to flexo or rotogravure inline printing units

### Your Advantages



Outstanding barrier properties against moisture, water and grease



Exceptional heat sealability, maintained even at high line speeds



Compatibility with various paper types



Food safety compliance, fit for direct food contact packaging



Compatibility with recycling and repulping processes, certified by cyclos-HTP Institute (CHI)



Learn more about W&H Inline Printing Units  
[www.wh.group/int/en/our\\_products/printing/inline\\_printing\\_units](http://www.wh.group/int/en/our_products/printing/inline_printing_units)



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