



**CIRCULAR
BIOECONOMY**



PAPAIRWRAP - THE BUBBLEWRAP OF PAPER



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PapairWrap is a paper-based bubble wrap that completely replaces plastic-based protective packaging. The material consists of a single material without plastics or adhesives and can be fully recycled in the paper recycling stream.

It is manufactured in Germany using a patented production process and is available in widths of 350 and 800 millimeters, in single- or double-layer versions. Functional surface coatings can be added as an optional feature. This provides scratch protection for sensitive surfaces and makes the packaging material water-repellent and moisture-resistant. Even the coated PapairWrap remains fully recyclable.

This marks the first time a paper-based solution is available that replaces plastic-based bubble wrap in terms of protective performance and application, while being fully recyclable within the existing paper recycling system.

Papair is also leading the EU flagship project BIOWRAP (2026 to 2031). The goal is to scale up the material for industrial production, including through the use of alternative paper fibres and the integration of the functional coating directly into the manufacturing process.

