



# SUSTAINABLE PACKAGING SOLUTIONS

Innovative and Established Packaging Products Limiting Environmental Impacts

## Carton Closure

**Reinforced Water Activated Tape** – paper-based tape with starch-based adhesive, reinforced with fiberglass has by deemed “RECYCLABLE”. This durable, secure closure method has become a standard for ecommerce shippers. Tested by Promakma GmbH.

**Non-Reinforced Water Activated Tape** – these grades of paper tape are recyclable, repulpable, compostable and bio-degradable. Paper and starch-based adhesive make the product sustainable as base materials are renewable resources.

**WAT Automation Solutions** – Case Sealing is no longer limited to plastic PSA tapes. Holland’s tape head retrofit program and case sealing solutions allow for sustainable paper-based tapes to replace petroleum based plastic tapes for high volume closure applications.

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## Flexible Packaging Solutions

**Heat Sealable Kraft (HSK) Paper** – water-based adhesive activated by heat, HSK is recyclable, repulpable, compostable and bio-degradable. Applications include pouches, surface protection, freezer packaging and a composite layer in multi-ply laminations.

**Compostable Film** – similar in properties to LLDPE blown film, this compostable film degrades into water and CO<sub>2</sub> in under 90 days in commercial composting environment. The film can be joined with other substrates or utilized on its own. Applications include bags, barrier laminates and tear resistant packaging applications. Available in mil thickness from 1.5 to 6 mil. Complies with D6400.

**Compostable Extrusion Coating Resin** – a sustainable replacement for LDPE, this compostable resin exhibits similar performance to PE. This resin can be utilized as a surface coating or a laminate medium to join multiple substrates.

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## Void Fill Papers

Holland offers a complete line of void fill papers including recycled kraft, bogus paper, indented kraft and newsprint. These papers add structural integrity to your package and are recyclable, repulpable, compostable, biodegradable. Paper based void fill provide superior sustainability compared with plastic or foam based void fill options.

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For more information regarding Sustainable Packaging Solutions, please contact us at [sales@hollandmfg.com](mailto:sales@hollandmfg.com)



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