



HIGH PERFORMANCE VpCI® PACKAGING

CASE HISTORY SPOTLIGHT

Case History #348: Historical Achievement – First Use of Compostable Eco Wrap® Film for Commercial Overseas Shipment



CASE HISTORY

**First Time in History:
Biodegradable Stretch
Film used in Commercial
International Shipment to
Cross the Ocean.**

DATE
January 2008

LOCATION
Beli Manastir, Croatia

PRODUCT
Eco Wrap®

APPLICATION
An international shipment from Croatia to Minnesota, USA was palletized using 18 micron (0.75 mil) Eco Wrap® Biodegradable/Compostable Stretching Film. The film was applied using traditional stretch wrap equipment. The alternative non-degradable film evaluated required a 40% thicker film to meet the strength requirements. The objective was to have more environmentally responsible packaging for intra company international shipments. Eco Wrap® is certified 100% biodegradable/compostable per ASTM D 6400 and EN 13432.

CONCLUSION
For the first time in history, a biodegradable stretch film has been used commercially in an international shipment that crossed the ocean. Cortec® Eco Wrap® film provided dust and moisture protection, and tamper resistance while preventing shifting and physical damage. The shipments arrived in perfect condition and after use, film was disposed of at a local commercial compost facility rather than a landfill or incinerator.

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Toll free (800) 4-CORTEC
Fax (651) 429-1122, Email: info@cortecvci.com
www.cortecvci.com

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Case History #348 highlights the first use of Eco Wrap® for commercial international shipment from Croatia to Minnesota. This was a historic achievement as the successful use of a film compliant to ASTM D6400/EN 13432 standards for commercial composting. The shipment was palletized using Eco Wrap® in place of non-compostable plastic film that would have needed to be 40% thicker than the 18 micron (0.75 mil) Eco Wrap® in order to meet strength requirements. The Eco Wrap® provided protection against dust, moisture, shifting, and physical damage, and the goods arrived in perfect condition. After use, the Eco Wrap® was sent to a local commercial composting facility instead of disposing it in a landfill or incinerator!

To read the full case history, visit: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch348.pdf

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