



HIGH PERFORMANCE VpCI® PACKAGING

CASE HISTORY SPOTLIGHT

Case History #661: Achieving a True Circular Economy

An engine assembly plant for a major off-road heavy equipment manufacturer receives components from dozens of suppliers in the U.S. and around the world. All components are packaged in VpCI®-126 bags for corrosion protection. In 2014, the customer realized they could get the same protection needed without having to add oil to the bags according to outdated specifications. This opened the door to recycling since the bags were no longer contaminated with oil.

As early as 2017, the customer began baling and shipping used VpCI®-126 bags back to Cortec® Advanced Films (CAF) in Minnesota. CAF was able to buy the bags back, pay shipping costs, and reprocess the used bags into new VpCI®-126 film at a percentage that assures the quality of the new product.

Eliminating the oil has improved plant health and safety conditions and saved several hundred thousand dollars per year. The arrangement is helping the customer to divert hundreds of thousands of pounds of plastic from the landfill or incinerator while also creating a revenue stream. At a time when it is difficult to achieve a true “circular economy” of plastic waste repurposing, Cortec® has been able to operate a full-circle recycling program that benefits all involved and minimizes environmental impact.

To read the full case history, please visit: https://www.cortec-casehistories.com/?s2member_file_download=access-s2member-level1/ch661.pdf



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