



Yellowstone National Park and Universal Textile Technologies

A recycling partnership was forged with Yellowstone National Park. This partnership created and protected jobs for the American workforce, reduced the amount of plastic bottles that go into landfills, and helped Yellowstone National Park meet its recycling goals.

Universal Textile utilizes the recyclable plastic bottles Yellowstone collects each year and convert them into a non-woven, fleece material used to manufacture BioCel™ and EnviroCel™ high-performance backing for carpet and synthetic turf. The Georgia Tech Research Institute has provided third-party verification for this innovative project.

Like many recyclable materials collected in America, most plastics collected in Yellowstone had previously been sold overseas. There they were used to produce plastic products that were later sold in the U.S.

“Yellowstone was created as the world’s first national park in 1872,” said Jim Evanoff, an innovative and nationally recognized speaker on the Yellowstone Eco-System, and an Environmental Protection Specialist with Yellowstone National Park. “We have an obligation to set the example for promoting sound environmental stewardship practices that will serve as a model for future generations. This new partnership not only diverts plastics from landfills, it dramatically decreases the fuel and other resources used to transport materials around the planet.”



Both BioCel and EnviroCel utilize naturally renewable soybean- based polyols derived from domestically grown soybeans. The use of soy-based products helps support the U.S. economy by creating American jobs and through the sale of Universal Textile products.

BioCel and EnviroCel also provide numerous additional benefits related to green technology and sustainability. Both use a highly refined mineral recycled from previously mined calcium. They may also assist in LEED® calculations. BioCel and EnviroCel are resistant to moisture, insulate against energy loss, reduce ambient noise and increase the structural integrity of carpet and synthetic turf.

“We ask you to please recycle your plastic. If we don’t address the recycling issue today our children and grandchildren will certainly be forced to,” said Doug Giles, director of marketing for Universal Textile Technologies.

Universal Textile Technologies supplies the carpet industry with multiple backing systems manufactured for use in mid to high-traffic commercial, hospitality, residential, corporate, healthcare, education, and lodging markets. Additional markets include synthetic turf for sports fields and synthetic grass for landscape applications. For more information, contact Universal Textile at www.universal-textile.com.