

omniTeksas

JERSEY FABRICS SINCE 1928

New Recycled Polyester and Hemp Blends

'Greenpeace' forecasts that amount of Polyester used in textiles will double by 2030, because consumers look for stretchier and more resistant garments.

We can meet these demands using regular – virgin – polyester or we can opt for a more innovative and earth-friendly solution – recycled polyester.

ADVANTAGES OF RECYCLED POLYESTER

- Producing recycled polyester saves both energy and emission: it takes from 33% to 53% less energy and a reduced CO2 emission – around 75% – to produce recycled polyester in comparison to a newly created one.
- Using recycled polyester prevents bottles and other plastics from going to landfill, because we can re-use these post-consumer and post-industrial plastics in our textiles production.
- Making polyester in way of recycling bottles makes us use what has already been created from oil – plastic – therefore we are saving natural resources – we do not need new oil to create new polyester.

ARE THERE ANY DIFFERENCES ONE MIGHT ASK

If recycling process is selected to be done on a molecular level, there is no difference between recycled polyester and virgin polyester. Durability of fiber, as well as performance of high strength stays the same.

OUR NEW RECYCLED POLYESTER AND HEMP BLEND

We already use recycled polyester in our double layer knit. It is composed of recycled polyester, hemp and lycra, therefore can be turned into a purely sustainable product.

Hemp is a dark-tan strong fiber that offers the best heat capacity of all natural fibers. It is breathable and biodegradable.

Blended with recycled polyester hemp creates strong, wrinkle and tear resistant, breathable knitwear with good moisture management and soft handfeel. Adding 4% of lycra into the material provides the fabric with flexibility and comfort. The possibility to put a sublimation on our fabric provides designers with the opportunity to use their creativity to the fullest.

A BLEND OF NATURAL AND ECO-SUSTAINABLE FIBERS LIKE HEMP AND RECYCLED POLYESTER CAN ONLY BE SEEN AS A BENEFIT:

- It leaves less trace in the soil and the eco-system
- It is good for the health of both people who cultivate hemp and consumers
- It offers high quality product with good mechanical properties
- It can be used in a variety of industries: fashionwear, sportswear, leisurewear etc.

WOULD LIKE TO RECEIVE A SAMPLE?
Contact us: erika.b@omniteksas.lt