



The EnVision[®] glove range has been designed to provide you with a credible, sustainable alternative to your current hand protection that doesn't compromise performance or comfort.

As a conscientious PPE manufacturer, we continue, through R&D, to test novel and existing sustainable raw materials, replacing virgin synthetics when possible, to reduce a product's carbon footprint through material science.

Tilsatec are proud to be one of a handful of manufacturers utilising Bio-based Dyneema[®], the first ever bio-based ultra-high molecular weight polyethylene fibre.

With the EnVision range we set ourselves a target where every glove contains a minimum of 50% sustainable materials (by weight of glove including coating). This includes all cut levels of ISO 13997 from cut level A to F.

>50%
sustainable
yarn content
in all EnVision[®] products

55-1725



CUT A
 1 pair = A CO² reduction of **325.99** grams,
 • **0.276** kwh energy savings p/pair
 • **6.57** litres less water consumption p/pair

55-3725



CUT C
 1 pair = A CO² reduction of **824.62** grams,
 • **0.302** kwh energy savings p/pair
 • **4.027** litres less water consumption p/pair

55-6725



CUT F
 1 pair = A CO² reduction of **785.21** grams,
 • **0.254** kwh energy savings p/pair
 • **3.383** litres less water consumption p/pair



rPET is made by recycling PET, more often the recycling of plastic bottles. Once processed, the recycled plastic can be used to make new plastic bottles or other items like...

Choosing rPET helps create a circular economy by keeping these precious materials that have already been extracted from the earth in circulation.

It supports the recycling industry and the companies that are embracing change. It saves energy, resources, and rescues these plastics from landfills where they can take thousands of years to break down.



CO₂ Carbon emissions reduced by **>600g**

for every pair of gloves made with **Bio-Based Dyneema**, when compared to Generic HMPE yarn.

Bio-based Dyneema[®] is the first ever bio-based ultra-high molecular weight polyethylene fibre, reducing reliance on fossil fuel based resources. All bio-based Dyneema[®] fibres have the exact same characteristics and performance as conventional Dyneema[®]. Made from trees (a bi-product of pulp and timber).



Our ESG initiative

The Forest Stewardship Council (FSC) sustainable forestry standards translate into tangible actions that make a positive impact on the world's forests. Their certification system verifies sustainable sourcing of forest products and ecosystem services at every step of the value chain, from forest to consumer.

Choosing FSC certified glove packaging demonstrates our commitment to reducing deforestation and promoting reforestation efforts.

We have reviewed every detail of our packaging to offer the most sustainable solution available for EnVision products. This includes replacing outer carton, inner plastic polybag and printed user instructions with FSC certified alternatives.

