

TILSATEC

EnVision®

People. Planet. Protection.



EnVision® Sustainable Range

Product Guide

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People. Planet. Protection.

As a business, Tilsatec recognise the need for action and change, now. Our planet is warming at an alarming rate, and we know we need to play our part in reducing harmful emissions.

We are committed to our climate pledge of reaching Net Zero by 2050.

That's why we're working hard across all our teams to create positive change in manufacturing, logistics, energy consumption, recycling, raw materials and our supply chain to bring you high performance hand and arm protection which allows you to reduce your carbon footprint and take energy intensive products out of your supply chain.

With core business teams now certified carbon literate, we're building out and delivering on our CRP (Carbon Reduction Plan) which you can read more about in our 2024-25 Sustainability Report.

Tilsatec EnVision is the umbrella under which our sustainability program sits and it's underpinned by our 3 key pillars; **People, Planet, Protection.**

People

As a member of Sedex we are committed to being a responsible business, sourcing responsibly, and improving ethical standards and working conditions within the supply chain. All our manufacturing sites globally adhere to the Sedex Members Ethical Trade Audit (SMETA) or equivalent, but we also have our own stringent standards and criteria we set for our operations.

Planet

Utilising our yarn engineering expertise, we aim to replace virgin synthetic material with recycled and/or plant-based yarns.

- **Reduce carbon footprint working towards Net Zero by 2050**
- **Removing single use plastics from our inner packaging**
- **FSC certified recycled carton packing, inner packaging, catalogues and print materials**
- **Reduce the use of chemicals and solvents in all operations**

Protection

Deliver hand protection solutions to meet all handling tasks from general purpose through to high cut, each with a sustainable yarn content of >50%.
The Tilsatec Envision range sets a new standard in environmentally friendly gloves that don't compromise on comfort, dexterity or durability.



ENVIRONMENTAL, SOCIAL & GOVERNANCE

positive planet

An important step in our journey is partnering with **Positive Planet,** an independent consultancy that works with businesses to turn their sustainability goals into meaningful action. We're proud to be working with Positive Planet on our goal of acheiving net zero and this has allowed us to work on our 5 step Environmental, Social and Governance program.

A MILESTONE IN OUR SUSTAINABILITY JOURNEY

Tilsatec are proud to have achieved EcoVadis Silver status demonstrating the ongoing efforts of our teams across the business to strengthen our sustainability management systems and continuously improve our performance. EcoVadis assessments evaluate organisations on a broad range of sustainability criteria, measuring policies, actions, and results across key areas including:

SILVER | Top 15%
ecovadis
Sustainability Rating
MAY 2026

- **Environment**
- **Labour & Human Rights**
- **Ethics**
- **Sustainable Procurement**

This Silver Medal recognition highlights the progress Tilsatec has made in embedding responsible practices throughout our operations and supply chain while supporting the evolving sustainability expectations of our customers and partners.

SUPPORTING MORE SUSTAINABLE SUPPLY CHAINS

As businesses across industry continue to place greater focus on ESG performance and supply chain transparency, sustainability credentials are becoming increasingly important when selecting partners and suppliers.

Our EcoVadis Silver status provides customers and stakeholders with additional confidence that Tilsatec is committed to operating responsibly and delivering long-term value through sustainable business practices.

The EnVision glove range has been designed to provide end users with a credible, viable, more sustainable alternative to their current hand protection that doesn't mean compromising on protection, comfort or significantly higher prices.

Specifying EnVision® hand protection helps to solve a major, emerging issue for businesses - how to reduce the impact of their supply chain without compromising protection for their workforce. Using EnVision® gloves allows distributors and end users to reduce their carbon footprint and take energy-intensive products out of their supply chain.

As a conscientious PPE manufacturer, we recognise the need to continually look at the raw materials used in our products, opting for bio-plant based or recycled yarns where possible.

Dyneema®

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) this is known as the mass balance approach, certified by ISCC (International Sustainability & Carbon Certification).

BIO-BASED DYNEEMA® FIBRE AT HEART
Because it matters



CO_2

Carbon emissions **reduced** by **>600g** for every pair of gloves made with **Bio-Based Dyneema®**, when compared to Generic HMPE yarn.

Product Packaging

Quantities of 12 pairs come wrapped in an FSC paper band.
Outer cartons contain 72 pairs per carton for sizes 6, 7 & 11, 120 pairs per carton for sizes 8, 9 & 10.







>50% sustainable yarn content in all EnVision® products

55-1825

CUT **A**



Biobased Content verified by eurofins SILVER

Plant Based Certified

MADE WITH 77% PLANT & BIO BASED YARNS

EnVision® plant-based cut level **A** glove with microfoam palm coating

Gauge	15gg
Colour	Green liner / Black coating
Cuff Style	Knit wrist
Length	220-270mm
Sizes	6/XS - 11/2XL
Packaging	12 pairs/paper band Sizes 6, 7 & 11 72 pairs/carton Sizes 8, 9 & 10 120 pairs/carton

Applications / Industries

- Intricate assembly
- Automotive downstream
- Aftermarket / Component handling
- Construction
- White goods manufacturing
- Aerospace
- Logistics and warehousing

- Certified 55% bio-based content awarded Eurofins silver badge
- Manufactured using a unique combination of plant and bio-based yarns
- Carbon footprint: 406g CO_2e per pair (cradle to distributor)
- LCA (Life Cycle Assessment) conducted
- Less water consumption and energy usage
- Level A cut resistance to EN388:2016+A1:2018
- Accredited plant-based by the Vegetarian Society
- High level abrasion resistance gives durability and increases life span
- Touchscreen compatible reducing need to remove gloves
- Thumb crotch reinforced for additional resilience in high action area
- Microfoam palm coating delivers secure dry and oil grip
- Incredible fine tactility and dexterity, close fitting and soft comfort

EN388:2016

4 X 2 1 A

CE

FSC

55-3825

CUT C



Biobased Content verified by eurofins BRONZE

Plant Based Certified

MADE WITH 73% PLANT & BIO BASED YARNS

EnVision® plant-based cut level C glove with microfoam palm coating

Gauge	15gg
Colour	Green liner / Black coating
Cuff Style	Knit wrist
Length	220-270mm
Sizes	6/XS - 11/2XL
Packaging	12 pairs/paper band Sizes 6, 7 & 11 72 pairs/carton Sizes 8, 9 & 10 120 pairs/carton

Applications / Industries

- Intricate assembly
- Automotive downstream
- Aftermarket / Component handling
- Construction
- White goods manufacturing
- Aerospace

- Certified 29% bio-based content awarded Eurofins bronze badge
- Manufactured using a unique combination of plant and bio-based yarns
- Carbon footprint: 442g CO_2e per pair (cradle to distributor)
- LCA (Life Cycle Assessment) conducted
- Less water consumption and energy usage
- Level C cut resistance to EN388:2016+A1:2018
- Accredited plant-based by the Vegetarian Society
- Touchscreen compatible reducing need to remove gloves
- Thumb crotch reinforced for additional resilience in high action area
- Microfoam palm coating delivers secure dry and oil grip
- Incredible fine tactility and dexterity, close fitting and soft comfort

EN388:2016 4 X 4 2 C

CE

BIO-BASED DYNEEMA® FIBRE AT HEART

FSC

55-1725

CUT **A**



EnVision® cut level **A** glove with microfoam palm coating

Gauge	15gg
Colour	Navy liner / Black coating
Cuff Style	Knit wrist
Length	220-270mm
Sizes	6/XS - 11/2XL
Packaging	12 pairs/paper band Sizes 6, 7 & 11 72 pairs/carton Sizes 8, 9 & 10 120 pairs/carton

Applications / Industries

- Intricate assembly
- Automotive downstream
- Aftermarket / Component handling
- Construction
- White goods manufacturing
- Aerospace
- Logistics and warehousing

- 65% of the glove is made with sustainable materials (incl. coating)
- Manufactured using a unique combination of recycled polyester (rPET) and recycled nylon (rPA) resulting in a total CO_2 reduction of >320 grams*
- Carbon footprint: 430g CO_2e per pair (cradle to distributor)
- LCA (Life Cycle Assessment) conducted
- Level A cut resistance to EN388:2016+A1:2018
- High level abrasion resistance (>20,000 cycles) gives durability and increases life span
- Touchscreen compatible reducing need to remove gloves
- Thumb crotch reinforced for additional resilience in high action area
- Microfoam palm coating delivers secure dry and oil grip
- Incredible fine tactility and dexterity, close fitting and soft comfort
- Food approved against aqueous foodstuffs

*Versus same style using virgin materials

EN388:2016
4X42A

CE

FSC

55-3725

CUT C



EnVision® cut level C glove with microfoam palm coating

Gauge	15gg
Colour	Navy liner / Black coating
Cuff Style	Knit wrist
Length	220-270mm
Sizes	6/XS - 11/2XL
Packaging	12 pairs/paper band Sizes 6, 7 & 11 72 pairs/carton Sizes 8, 9 & 10 120 pairs/carton

Applications / Industries

- Intricate assembly
- Automotive downstream
- Aftermarket / Component handling
- Construction
- White goods manufacturing
- Aerospace

- 64% of the glove is made with sustainable materials (inc. coating)
- Manufactured using a unique combination of Bio Based Dyneema and recycled polyester (rPET) resulting in a total CO_2 reduction of >820 grams per pair*
- Carbon footprint: 508g CO_2e per pair (cradle to distributor)
- LCA (Life Cycle Assessment) conducted
- Level C cut resistance to EN388:2016+A1:2018
- Touchscreen compatible reducing need to remove gloves
- Thumb crotch reinforced for additional resilience in high action area
- Microfoam palm coating delivers secure dry and oil grip
- Incredible fine tactility and dexterity, close fitting and soft comfort

*Versus same style using virgin materials

EN388:2016
4X42C

CE

BIO-BASED DYNEEMA® FIBRE AT HEART

FSC

55-6725

CUT **F**



EnVision® cut level **F** glove with microfoam palm coating

Gauge	15gg
Colour	Navy liner / Black coating
Cuff Style	Knit wrist
Length	220-270mm
Sizes	6/XS - 11/2XL
Packaging	12 pairs/paper band Sizes 6, 7 & 11 72 pairs/carton Sizes 8, 9 & 10 120 pairs/carton

Applications / Industries

- Intricate assembly
- Automotive downstream
- Aftermarket / Component handling
- Construction
- White goods manufacturing
- Aerospace

- 54% of the glove is made with sustainable materials (inc. coating)
- Manufactured using a unique combination of Bio Based Dyneema and recycled polyester (rPET) resulting in a total CO_2 reduction of >780 grams per pair*
- Carbon footprint: 442g CO_2e per pair (cradle to distributor)
- LCA (Life Cycle Assessment) conducted
- Incredible level F cut resistance to EN388:2016+A1:2018
- Touchscreen compatible reducing need to remove gloves between tasks
- Thumb crotch reinforced for additional resilience in high action area
- Microfoam palm coating delivers secure dry and oil grip
- High dexterity and tactility, close fitting and soft comfort

*Versus same style using virgin materials

EN388:2016
4 X 4 2 F

CE

BIO-BASED DYNEEMA® FIBRE AT HEART

FSC

rPET RECYCLING PROCESS

rPET is made by recycling PET, the recycling of plastic bottles. Once processed, the hot washed flakes are used to create new recycled polyester yarn which is then Dope Dyed before production of the EnVision glove range.

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 we as a company are embracing this change. It saves energy, resources, and rescues these plastics from landfills where they can take thousands of years to break down.



rPET vs Virgin PET

>14 kgs CO_2 saved when producing 1kg of rPET yarn compared to virgin PET CO_2

55-1725 CUT A		>320g CO_2 REDUCTION	0.276 kwh Energy Savings	>6 litres LESS water consumption
55-3725 CUT C		>820g CO_2 REDUCTION	0.302 kwh Energy Savings	>4 litres LESS water consumption
55-6725 CUT F		>780g CO_2 REDUCTION	0.254 kwh Energy Savings	>3 litres LESS water consumption

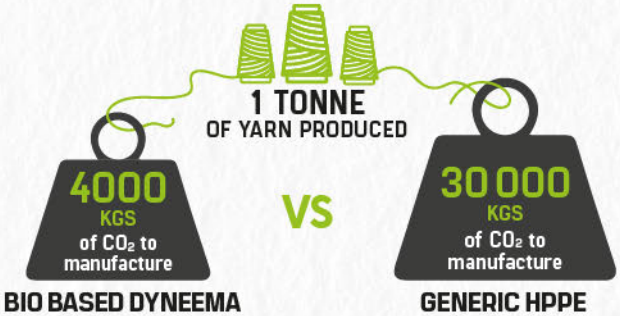
BIO BASED DYNEEMA VS GENERIC HPPE

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).

CO_2

>600g

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



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