



Tyvek® 500 Xpert BioCircle™

The latest innovation in
sustainable protective
garments



The chest label featuring a teal border distinguishes the Tyvek® 500 Xpert BioCircle™, which also carries an **ISCC PLUS** label on its packaging:



Sustainability pressure is rising across industries while PPE remains crucial for safety and yet is often seen as a burden to reduce or cut.

Many assume 'sustainable PPE' means compromising on protection, durability, or compliance - or believe the only way to reduce impact is to use less PPE, introducing unnecessary risk. It doesn't have to.

Tyvek® 500 Xpert BioCircle™ overall provides the same protection, durability, and comfort as Tyvek® 500 Xpert garments, while using fabric attributed to 100% bio-circular feedstock - so protection is not sacrificed for sustainability.

An independent cradle-to-gate LCA* along with additional modelling, shows a minimum 58% reduction in climate change impact. This along with the ISCC Plus certification provides transparency and traceability, turning sustainability from promise into proof.

Sustainability without data is just a story. Tyvek® 500 Xpert BioCircle™ delivers proof.

*Life Cycle Analysis compared to Tyvek® 500 Xpert Standard, including biogenic carbon

Introduction to Essentials



Tyvek® 500 Xpert BioCircle™

Same trusted protection as Tyvek® 500 Xpert
with significantly lower climate impact

- ✓ Hooded coverall made of white Tyvek® fabric attributed to 100% bio-circular HDPE through an ISCC-certified mass balance approach.
- ✓ Easily distinguishable by its chest label featuring a teal border
- ✓ Independent cradle-to-gate life cycle analysis, including biogenic carbon, shows at least 58% lower climate change impact compared to the standard Tyvek® 500 Xpert coverall
- ✓ Robust yet lightweight protection
- ✓ Helps provide an excellent barrier against fine particles and low-level sprays



Pharmaceutical*



Biotech



Chemical
processing



Oil and gas



Utilities

Reference: TY CHF5 S WH BC

Colour: White

Size: SM to 3XL

* Hazardous powders & cytostatic chemicals.



Category III



TYPE 5-B



TYPE 6-B



EN 1149-5



EN 1073-2
Class 2



EN 14126



Want to Explore More?

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safespec.dupont.co.uk

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