



Tyvek.

Tychem.

## PROTECTIVE CLOTHING FOR AUTOMOTIVE PAINT APPLICATION

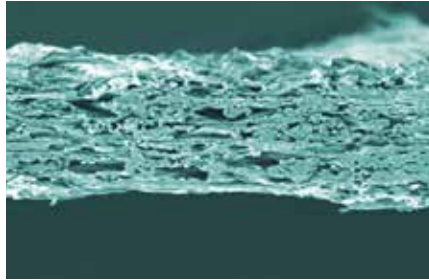
A clean spray booth, free from dust and lint, is key to achieving the perfect paint finish. Coveralls made of DuPont™ Tyvek® can make a decisive contribution toward achieving this goal: their antistatic treatment minimises the intrusion of dust from outside while the special material structure of Tyvek® makes them particularly low-linting.

Learn more on [chemicalprotection.dupont.co.uk](http://chemicalprotection.dupont.co.uk)

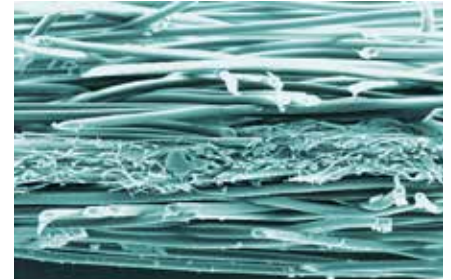
## Coveralls made of DuPont™ Tyvek®: antistatic and extremely low-linting

Protective clothing made of Tyvek® can make a significant contribution to keeping spray booths clean, reducing costly refinishing work and minimising production costs:

Thanks to its unique material structure, Tyvek® is *extremely low-linting* and hence suitable for use in working environments where a high degree of air purity is required, e.g. for spray painting applications in the automotive and aircraft industries.

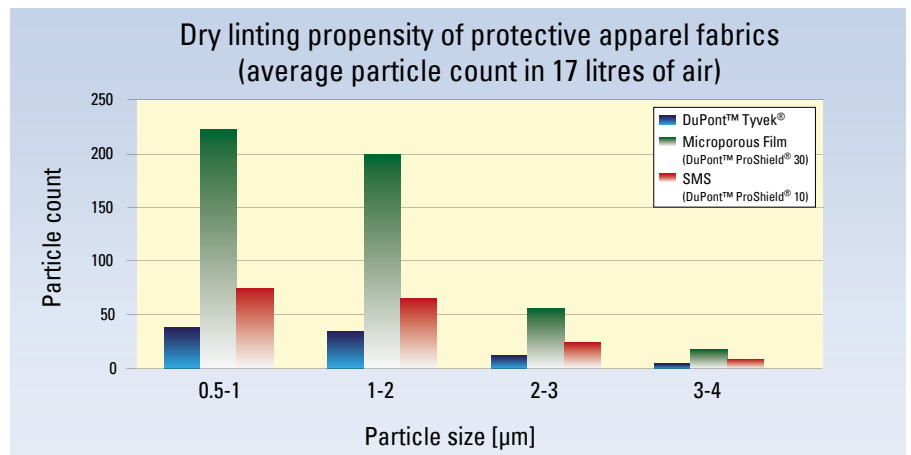


Structure of Tyvek®: The multi-layering of continuous filaments makes the fabric resistant to abrasion and fibres are not easily shed.



Structure of SMS by comparison: Short, discontinuous fibres and brittle inner 'm' fibres contribute to shedding if abraded or flexed.

Material tests carried out by an independent test laboratory in accordance with BS 6909 showed that Tyvek® sheds considerably fewer particles in comparison with other protective garment materials, e.g. SMS (Spunbond/ Meltblown/ Spunbond) used for ProShield® 10 or MPF (Microporous Film) used for ProShield® 30. This can *significantly reduce the need for additional polishing work*.



Method for generation and counting of the airborne linting propensity of fabrics in the dry state, BS 6909

Tyvek® coveralls are also *antistatically treated*. This can help significantly reduce the risk of intrusion of dust particles, which may otherwise adhere to the garment, into the spray booth.

Limited-use Tyvek® coveralls ensure optimum protection, while the *costs of cleaning reusable clothing* and the associated *logistical costs can also be avoided*.

## DuPont™ Tyvek® – Durable and comfortable protection

Tyvek® consists of ultra fine continuous high density polyethylene fibres, which are compressed under high heat and pressure to form a non-woven material. The unique structure of the material offers a high degree of protection against airborne particles and many water-based inorganic chemicals. As the non-woven structure of the material forms a multi-layer barrier, its barrier performance will remain intact even if the outer layers become damaged in places. Beyond the durability of the material – Tyvek® is highly resistant to abrasion and tearing – it is also lightweight and soft, as well as permeable to both air and water vapour, providing a high level of comfort. During the manufacture of Tyvek®, neither fillers, additives nor silicon are added.

## DuPont™ Tyvek® protective clothing for automotive paint spraying

Protective garments made of Tyvek® are suitable for paint spraying applications with water- or powder-based paints, e.g. in the automotive and aircraft industries

### DuPont™ Tyvek® Classic Xpert, model CHF5



Combined liquid and particulate protection.

- ✓ coverall in ultra low-linting Tyvek®
- ✓ antistatic treatment on both sides\*
- ✓ elasticated waist, cuffs and ankles
- ✓ stitched external seams featuring patent-pending technology for enhanced liquid spray tightness
- ✓ new design and construction for greater particulate protection
- ✓ ergonomic design for high freedom of movement

Colour: white  
Sizes: S to XXXL

### DuPont™ Tyvek® Dual, model CHF5a



Tyvek® protection where you need it, comfort overall.

- ✓ front in ultra low-linting Tyvek®, back with large breathable panel in SMS material
- ✓ elasticated waist, cuffs and ankles
- ✓ antistatic treatment on one side\*

Colour: white  
Sizes: S to XXXL

### DuPont™ Tyvek® Industry, model CCF5



Collared garment for use with ventilated hoods or similar breathing apparatus.

- ✓ coverall in ultra low-linting Tyvek®
- ✓ internal seams
- ✓ antistatic treatment on both sides\*

Colour: white  
Sizes: S to XXXL

### DuPont™ Tyvek® Overboots, model POBO or POBA



Specially designed to be combined with Tyvek® apparel.

- ✓ optionally with or without slip-retardant sole
- ✓ ideal complement to Tyvek® coverall

Colour: white  
Sizes: 36 to 42,  
42 to 46

\*The antistatic treatment of suits is only effective in humidity of more than 25% and when correctly grounded. Further information can be found in the Instructions for Use.

## MORE PROTECTIVE CLOTHING SOLUTIONS FROM DUPONT

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### Tychem.

Our broad range of Tychem® garments and accessories helps to offer protection against a broad range of organic and highly concentrated inorganic chemicals and substances. They are suitable, for example, for the preparation of paints and surfaces, the cleaning of tools and utensils and the application of solvent-based paints.

## NEED HELP FINDING AND SELECTING CHEMICAL PROTECTIVE CLOTHING?

### Try DuPont™ SafeSPEC™ 2.0

Browse and compare products by brand, design or certification, with direct access to all relevant information including permeation data.

[www.safespec.dupont.co.uk](http://www.safespec.dupont.co.uk)

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It is the user's responsibility to determine the level of toxicity and the proper personal protective equipment needed. Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. The end-user should discontinue use of the garment if the fabric becomes torn, worn or punctured, to avoid potential chemical exposure. Since conditions of use are beyond our control, we make no warranties, expressed or implied, including but not limited to warranties of merchantability or fitness for a particular purpose and assume no liability in connection with any use of this information.

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