



**SPRAY
MOLDING**



**MANUAL
MOLDING**



MACHINING



CLEANING

Made of resin-impregnated fibers, composite materials are used in a variety of sectors, in particular in the aeronautic, nautical, automotive, railway and furniture industries as well as in swimming pool construction. Polymerization and cutting of composite materials are operations with significant occupational risks: chemical exposure to resin components, fiber dust (carbon, glass, etc.), aerosols and vapors of toxic organic compounds (styrene, acetone, etc.). All processes are subject to risk: molding, impregnation, machining, cleaning, preparation of mixtures, and waste storage. **WeeSafe** has designed a full range of protective coveralls against aerosols and liquid or solid particles projections.

MOLDING

Manual Application



The application of the resin is done manually on the mold using a roller or a brush.

Convergent jet spray application (FIT)



This method uses guns with two nozzles close together. This process limits the formation of fine aerosols.

Non-atomized spray application (low pressure)



This method uses a low-pressure multi-jet nozzle. This process limits the formation of fine aerosols.

Conventional spray application (atomized)



Gun with a single nozzle supporting high pressures. This process produces very fine aerosols.

The emission of styrene (aromatic hydrocarbon) is particularly high during the spraying phase.



Material Machining



All the finishing phases (sanding, adjustment, deburring, drilling, trimming) reject intense mists of polymer dust. These dusts are irritating to skin upon contact.

Cleaning



The cleaning phase of tools and work equipment involves a risk when handling solvents such as acetone.

Preparation of Mixtures



The preparation of mixtures involves a risk of splashes of resin, catalysts and colbat salt.



Additional risks: static electricity discharge

Static electricity can occur during the handling of weakly conductive products such as resins and glass fibers. Friction, contact, or separation produce static electricity that, if not removed by proper grounding, can spontaneously discharge while creating a high voltage spark. The **WeePro** and **WeeBack** ranges are coated with antistatic treatment on both sides of the coveralls.



BODY PROTECTION IN COMPOSITE INDUSTRY

WeePro Max Plus

SIZE : M/L/XL/XXL

Type 4 - 5 - 6



Coverall providing protection against projections of aerosols and low concentration chemicals. Its waterproof seams and self-adhesive flap offer complete protection against the finest aerosols during molding phases.

- Antistatic inner and outer treatment
- Zipper with self-adhesive flap
- Waterproof sealed seams
- A three-panel hood for an optimal mask fit
- Elasticized thumb loop for greater glove adjustment
- Breathable material for greater comfort

WeeBack

SIZE : S/M/L/XL/XXL/XXXL

Type 5 - 6



Coverall combining protection and optimum comfort. The covered seams also protect against aerosols (molding), liquid splashes (cleaning), and dust mists (machining). The breathable back panel releases heat accumulated in the garment.

- Antistatic inner and outer treatment
- Zipper with self-adhesive flap
- Waterproof sealed seams
- A three-panel hood for an optimal mask fit
- Knitted cuffs ideally replacing elastic wrist wraps
- Breathable back panel for greater comfort
- Comfort triangle reinforcing the crotch



WeePro

SIZE : M/L/XL/XXL/XXXL

Type 5 - 6



Coverall providing protection for low-pressure gun and roller applications. The self-adhesive flap provides complete protection of the most exposed body part during molding. Its ergonomics ensures optimum comfort throughout the stratification phases.

- Antistatic inner and outer treatment
- Zipper with self-adhesive flap
- A three-panel hood for an optimal mask fit
- Knitted cuffs which ideally replace elastic wrist wraps
- Breathable material for greater comfort
- Collar version also available

WeeCover Max 1 Blue

SIZE : L/XL/XXL/XXXL

Type 5 - 6



This coverall is designed to protect against intense dust during the sanding, adjusting, deburring, drilling and trimming phases. Its waterproof seams and self-adhesive flap provide complete protection against various fiberglass or carbon dusts. Fully breathable material for ultimate comfort.

- Zipper with self-adhesive flap
- Waterproof sealed seams
- A three-panel hood for an optimal mask fit
- Ultra-breathable material
- Blue color masking soiling

Oversleeve WeePro

SIZE : ONE SIZE



This oversleeve combined with a coverall helps protect the most exposed area of the body during manual or spray application molding. It provides the dual protection needed for heavy projections. It can also be used for simple manual adjustment brushing jobs.

- Wrist and elbow elastic wraps
- Seams lined on the elastic wraps to limit lint and contaminations
- Length 50 cm/20 inches
- Lint-free material to prevent contaminations in controlled area
- Antistatic-treated material on both sides facilitating the dissipation of electrostatic charges

DID YOU KNOW ? Undressing, a risky step

When using a short-term protective coverall, the risk of human contamination is as important at the time of the on-site intervention than during the undressing phase. The wearer should dress with the utmost attention so that the coverall fits as closely as possible at the hood, wrists and ankles. When undressing, he must follow a strict procedure in order to avoid any contact with the outside part of the protective coverall.

Scan our dressing instruction guide on our packaging before wearing and removing your disposable protective outfit.



www.weesafe.fr

IMMEUBLE "LE FUJY" - 1 RUE DU CENTRE 93160 NOISY-LE-GRAND - FRANCE

Tel: + 33 (0)1 43 09 98 04 - Mail : contact@weesafe.fr