

IMPORTANT INFORMATION ABOUT CLEANROOM SERVICE

General Information

Every cleanroom requires maximise protection against unwanted particles. Therefore **dastex**, in co-operation with our service partner, offers the complete cleanroom service. Hereby can be assured

- ▶ the optimal cleanroom garments are selected for every cleanroom,
- ▶ a perfect care service is offered for the optimal cleanroom garments,
- ▶ the cleanroom garments can – in accordance with professional decontamination, if necessary be sterilised – perform their tasks to your complete satisfaction

It doesn't suffice simply to wash cleanroom garments and to remove the visible dirt. Only a qualified decontamination under cleanroom conditions offers you the perfect solution.

The proof: It has been proven that very high particle concentrations are produced in an ordinary laundry by the textile processing itself. After a normal washing program, cleanroom garments can still show a grade of contamination of 20,000 particles per ft² and more.

According to the American ASTM F 51-68 for example, the grade of contamination allowed a maximum of 1.000 particles per ft², or in other words a maximum of 1 particle (5 Micron) per cm² in a cleanroom class A.

ASTM F 51-68: Particles in cleanroom garments after decontamination

Class	Number of particles per ft ² textile (5 µm)	Number of fibres* per ft ² textile
A	< 1.000	10
B	> 1.000 - 5.000	25
C	> 5.000 - 10.000	50
D	> 10.000 - 15.000	125

*Fibres = particles with a relationship length to breadth of 10:1.

To provide the high level of service required, our service partners have developed a technologically advanced way of decontamination that guarantees the qualities necessary to provide you with optimal cleanroom conditions.

These processes are continuously improved and adapted to the very latest standards.

Thus allowing us and our partners to offer you an optimal and comprehensive solution.



For further information please contact us:

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CLEANROOM GARMENTS

Servicing of cleanroom garments:

- ▶ decontamination of the cleanroom textiles to ASTM F 51-68 class A
- ▶ every garment is carefully examined on receipt of goods:
 - for pollution requiring a special treatment
 - for defects which must be repaired
- ▶ the textiles are washed, dried and protectively packed according to a validated decontamination method.
- ▶ a sophisticated quality assurance system complying with **ISO 9001** guarantees the consistency and usage of the procedure.

Cleanroom garments for rental service:

We hereby offer you a problem free complete service.

- ▶ the equipment is allocated to every employee individually and is adapted to the respective member of staff.
- ▶ the garments are kept professionally in good working order. A free exchange is carried out if staff change or the garments are worn out.
- ▶ the costs can be budgeted for accurately, freeing your liquidity and clearly reducing the need for storekeeping.
- ▶ all necessary information about a garment is included within its barcode. For every item a complete documented tracking service is possible right up to the washing and sterilisation batches.

A flexible logistics system:

- ▶ the supply to the customer is made by own fleet of vehicles or by parcel services.



1 unloading of a washing-machine
2 grading and preparing for sealing

NOTE

Cleanroom garments only contribute to the protection from contamination when they are looked after correctly. Only then they can completely fulfil their function as an important and reliable component of the cleanroom. The right clothing logistics guarantees that cleanroom garments are always available in adequate supply.

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