



### Per EN 61340-5-2 paragraph 5.2.5

*"Garments on which high levels of static electricity can be generated are one of the causes of ESD damage. It is important that such charged garments do not come into contact with [ESD sensitive items]. The covering garments need to be grounded, either through direct contact with the wearer's skin, or by alternative means such as being electrically connected to a wrist strap. It is important that the ESD protective garment sleeves cover the end of the inner garment sleeves."*

For Complete Listing of Part Numbers, Features, and Technical Bulletins and Drawings  
Visit Us On-Line: [Charleswater.co.uk](http://Charleswater.co.uk)

#### Statshield® Premium Smocks

- **Patented hip-to-cuff grounding**  
Allows your coil cord to snap to the hip of the smock for hands-free grounding, increasing productivity
- **Creates Faraday Cage effect**  
Charges on worker clothing are shielded, protecting ESDS devices
- **Minimum 9% carbon conductive nylon fibres woven in chain-link design**  
Provides continuous and consistent charge dissipation
- **Panel to panel conductivity**  
Prevents isolated charged conductor in ESD protected area
- **Made in America**  
Superior quality



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### Why Choose Charleswater Garments?

Statshield® garments shield your products from charges generated on workers' insulative clothing. The workers' clothing, particularly when made from synthetic fibres, are significant charge generators. Worse, the fabric is an insulator, which cannot be grounded.

Charleswater's garment fabric has conductive fibres, so charges can be removed to ground. In addition, the enclosed garment creates a Faraday Cage shielding effect, protecting ESD sensitive items from induced charges or discharges.

Premium Statshield® Smocks feature our patented (U.S. Patent #4,596,053) Hip-to-Cuff grounding feature for hands-free grounding. This removes charges from the garment and the worker while allowing hands to be free for increased productivity.

#### Static Dissipative Gloves

- **Non-allergenic polyester construction**  
Comfortable, antistatic, low tribocharging. Dissipative material will conduct charges to ground.
- **Installed 4mm snap stud**  
Attaches to coil cord
- **Colour coded cuffs**  
Male and female gloves are uniquely colour coded for identification
- **Rg of < 1 x 10E7**  
Can be tested with standard wrist strap testers. Helps prevent Charged Device Model failures where without gloves an ESD event may occur if charged component is touched even by a properly grounded worker.
- **Numerous sizes available**  
Better fit provides high tactile sensitivity, increasing control and productivity
- **Made in America**  
Superior quality



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#### Anti-Static Vinyl Gloves

- **Antistatic, low charging**  
Minimal charge generation
- **Vinyl material**  
Flexible - protects users hands, as well as preventing ESD damage to ESD susceptible electronic components
- **Powder free**  
Good in critical environments. No powder contaminants from gloves
- **Made in America**  
Superior quality



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#### Static Dissipative Finger Cots

- **Natural Latex rubber construction**  
Excellent ESD properties, tactile sensitivity, user comfort
- **Dissipative**  
Helps prevent Charged Device Model failures where without finger cots an ESD event may occur if charged component is touched, even by a properly grounded worker
- **Powder free**  
No powder contaminants from cots
- **Independent dissipative properties built in**  
Not a topically treated material. Not affected by humidity.



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