

Heavy Duty Cotton Poly ESD Smocks Installation and Maintenance

Figure 1. Desco Heavy Duty Cotton Poly ESD Smocks

Description

Desco Heavy Duty Cotton Poly ESD Smocks is a Static Control Garment with RTG $<1 \times 10^{11}$ ohms meeting the required limits of ANSI/ESD S20.20 when tested per ANSI/ESD STM2.1 or ESD TR53.

“Garments are intended to attenuate electrostatic fields that may be present on personnel clothing. ... While a person may be grounded using a wrist strap or other grounding methods, that does not mean that insulative clothing fabrics can dissipate a charge to that person’s skin and then to ground. Personnel clothing usually is electrically separate or isolated from the body.” (ESD TR20.20-2008 section 5.3.13.1)

Outfitting a work force in Heavy Duty Cotton Poly ESD Smocks is the single most powerful step to demonstrate a company’s commitment to their ESD control program.

Garments can also be very important in field work, as the area may be an uncontrolled environment which can be very dry.

Desco Heavy Duty Cotton Poly ESD Smocks are designed to be antistatic, low tribocharging and offer protection to ESD sensitive items from electrostatic fields generated by clothing on the user’s body.

The Heavy Duty Cotton Poly ESD Smocks create a Faraday Cage around the torso of the wearer that shield ESD susceptible items from static charges generated on the wearers’ clothing.

The Heavy Duty Cotton Poly ESD Smocks are constructed of a medium weight cotton/poly blend with a minimum of 1% conductive fiber providing continuous and consistent charge dissipation. All of the seams