Static Control Smocks
PROBLEM

• A grounded wrist strap reliably removes charges from a person’s body, but **NOT** from their clothing as non-conductors cannot be grounded.

SOLUTION: SCS SMOCK GARMENTS
PURPOSE

• SCS Static Control Smocks are designed to be antistatic, low tribocharging, and create a Faraday Cage effect around the torso and arms of the wearer to protect ESD susceptible items from electrostatic fields generated by charges on the operator’s clothing.

• Static Control Smocks are intended to attenuate electrostatic fields that may be present on personnel clothing.

• Smocks meet the requirement for Groundable Static Control Garment System per ANSI/ESD S20.20 required limit of < 3.5 x 10^7 ohm Rtg tested per ANSI/ESD STM2.1 and ESD TR53.

• Smock connected to person via conductive cuff, and person connected to footwear via conductive tab, and footwear removes charge to ESD flooring.

• Rtg: less than 3.5 x 10^7 ohms
Use a Smock to Ground Operator

• “After verifying that the garment has electrical conductivity through all panels, the garment should be electrically bonded to the grounding system of the wearer so as not to act as a floating conductor.” [ESD TR20.20]

• Static Control Smocks are a conductor and therefore must be grounded. This is best assured when they are designed to make intimate contact with the skin of a grounded operator.
SCS SMOCKS EFFECTIVELY CONTROL

- Faraday Cage Surrounds Operator Body & Clothing
- Grounding via Patented Hip-To-Cuff Feature
- Hands-Free, No Cord Tugging at Operator’s Wrist
FEATURES

• Texturized Polyester and 9% Carbon Mono-filament Nylon

• Jacket Length

• V-Neck

• 3 Pockets

• ESD Protective Symbol
FEATURES

• Conductive Elastic Knit Cuffs
  – No wrist strap needed, use coil cord only!

• Tag-Free Neck Label
MAINTENANCE

• Smocks must be laundered periodically for proper operation.
• SCS recommends Woolite. Liquid detergents are better than dry because there is less caking and frictional wear. Use only non-ionic softeners and detergents when laundering.
• Launder smocks by hand or with a washing machine.
• Launder smocks in cool or warm water, tumble dry with low heat or hang dry.
• DO NOT USE BLEACH OR FABRIC SOFTENER.
• The carbon-suffused mono-filament nylon is sensitive to heat and should not be exposed to laundering heat in excess of 120°F.
2-Year / 100 Launderings Limited Warranty

• Under normal wearing and recommended washing conditions, SCS smocks will maintain their usefulness and effectiveness for a minimum of 100 washings.
## STANDARD STYLES / OPTIONS

Smocks are available in the following standard styles and sizes:

<table>
<thead>
<tr>
<th>SIZE</th>
<th>BLUE</th>
<th>GRAY</th>
<th>CHEST</th>
<th>SLEEVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>XSmall</td>
<td>770010</td>
<td>770020</td>
<td>30”-32”</td>
<td>33 3/4”</td>
</tr>
<tr>
<td>Small</td>
<td>770011</td>
<td>770021</td>
<td>34”-36”</td>
<td>34”</td>
</tr>
<tr>
<td>Medium</td>
<td>770012</td>
<td>770022</td>
<td>38”-40”</td>
<td>34 3/8”</td>
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<tr>
<td>Large</td>
<td>770013</td>
<td>770023</td>
<td>42”-44”</td>
<td>35”</td>
</tr>
<tr>
<td>XLarge</td>
<td>770014</td>
<td>770024</td>
<td>46”-48”</td>
<td>35 1/2”</td>
</tr>
<tr>
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<td>770015</td>
<td>770025</td>
<td>50”-52”</td>
<td>35 1/2”</td>
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<tr>
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<td>770016*</td>
<td>770026*</td>
<td>54”-56”</td>
<td>37 1/2”</td>
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<tr>
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<td>770027*</td>
<td>58”-60”</td>
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<td>770028*</td>
<td>62-64”</td>
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<tr>
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<td>770019*</td>
<td>770029*</td>
<td>66”-68”</td>
<td>36”</td>
</tr>
</tbody>
</table>

*Build To Order (BTO) items Note: BTO terms will apply to BTO items
WE CAN DO CUSTOMS!

1. Color:
   - Blue
   - Burgundy
   - Gray
   - Pink
   - Teal
   - White
   - Other ______________________

2. Fabric:
   - Polyester with 9% minimum carbon sulfured fibers.
   - Other ______________________

3. Collar:
   - Yes
   - No

4. Cuff and Sleeves:
   - Open Cuff with Snaps: Includes snaps for size adjustment, and to attach to 4mm wrist strap. Separate wrist strap required.
   - Open Cuff: No elastic or snaps. Separate wrist strap required.
   - Short Sleeve
   - Other ______________________

5. Hip-to-Cuff: (for knitted cuff and open cuff w/strap options)
   - Yes
   - No

6. Length:
   - Jacket (Short)
   - Lab Coat (Long)

7. Pockets:
   - Quantity: __________
   - Location:
     - A
     - B
     - C
     - D

8. Artwork:
   - Patch
   - Sublimation
   - Additional worksheet available for custom artwork.

9. Company Name: ____________________________
   Contact: ____________________________
   Signature: ____________________________

Note: Written customer approval of first article or sample is required for manufacturing of custom smocks. Minimum quantity: 100 (cumulative).
Call us at 919-719-0000 if you have questions.
Special manufactured items are not returnable for credit.

CUSTOM SMOCK DRAWING Assigned PN __________ Quote ID# __________

StaticControl.com
OPPORTUNITY

Sell the Static Control Solution