



Chair not included

### Description:

ESD Systems [16425](#) Statshield® Dissipative Chair Cover can convert a regular chair into an ESD protective chair when grounded. It includes a drag chain to make electrical contact with grounded ESD flooring. The drag chain must connect the chair back and seat covers and make reliable contact with ESD flooring to remove electrostatic charges to ground. Using the same fabric as ESD smocks, the cover's conductive fibers attenuate electrostatic fields shielding ESD sensitive items. It's one size fits standard sized chairs and covers both seat and chair backs. In addition to shielding, the Statshield Chair Cover is low charging antistatic, and dissipative.

### Specifications:

Grounding resistance:	1 megohm hermetically sealed resistor
Chain Length:	24" long chain with current limiting resistor in series
Fabric Weight:	5 oz per square yard
Fabric Content:	80% polyester, 19% cotton, and 1% BASF carbon suffused mono-filament nylon
Fabric Color:	Royal Blue
Carbon Mono-filament:	Conductive at 10E4 ohms, non-flaking and non-sloughing
Surface Resistance of Fabric:	10E6 - 10E8 ohms tested per ESD TR53 Seating test based on ANSI/ESD STM12.1, Seating - Resistive Measurement
Static Decay Rate:	5000 volts to 500 volts in less than 0.01 seconds, per FTMS-101C
Size	
Seat:	18" x 20", maximum diameter 19" nominal
Back:	15 1/2" x 18 1/2", maximum diameter 17" nominal

### Laundering Instructions:

If need be, this cover can be laundered. Use cool or warm water. Maximum temperature 120 °F. Do not use bleach, tumble dry on cool.

### Installation Instructions:

Attach top part of cover to chair back and bottom part of cover (with grounding chain attached) to chair seat. Make sure cover is fitted, centered, and secured to chair. Secure the ground chain to center post underneath chair with hook and loop and make sure ground chain makes contact with grounded ESD floor. Suggest a chain minimum length of 6 inches making contact along the floor.

Product marked with ESD protective symbol to identify used for ESD control

"Fabric upholstered chairs accomplish this by using conductive fibers woven into the fabric. The fabric is then connected through the components of the chair, through the cylinder, base and casters (or drag chain) to the floor." [ESD Handbook TR20.20 Seating section 5.3.5.2 Types and Selection]

*If not otherwise noted, tolerance ±10%*

Specifications and procedures subject to change without notice



Made in America

## Statshield® Dissipative Chair Cover

**ESD SYSTEMS.com**

[ESD SYSTEMS.COM](http://ESDSYSTEMS.COM)  
 432 NORTHBORO ROAD CENTRAL  
 MARLBORO, MA 01752 USA  
 TEL. (508) 485-7390 FAX (508) 480-0257

**DRAWING NUMBER**  
 TD-16425

**DATE**  
 May  
 2011