



| Item                  | Size    |
|-----------------------|---------|
| <a href="#">16630</a> | XSmall  |
| <a href="#">16631</a> | Small   |
| <a href="#">16332</a> | Medium  |
| <a href="#">16333</a> | Large   |
| <a href="#">16334</a> | XLarge  |
| <a href="#">16335</a> | 2XLarge |
| <a href="#">16336</a> | 3XLarge |
| <a href="#">16337</a> | 4XLarge |
| <a href="#">16338</a> | 5XLarge |
| <a href="#">16339</a> | 6XLarge |
| <a href="#">16340</a> | 7XLarge |

## Specifications

**Standard Document**  
ANSI/ESD S20.20

**Meets Requirements of:**  
Groundable Static Control Garment System

**Electrical Properties**  
Groundable Static Control

**Typical Values**  
< 3.5 x 10<sup>7</sup> ohms

**Test Procedures/Method**  
ANSI/ESDESD STM2.1 & Garment System  
TR53 Groundable Static Control Garment  
Section

Point to Point < 1.0 x 10<sup>9</sup> ohms

ANSI/ESDESD STM2.1 & TR53  
Groundable Static Control Garment Section

Point to Groundable Point < 1.0 x 10<sup>9</sup> ohms

ANSI/ESDESD STM2.1 & TR53 Groundable  
Static Control Garment Section

## Test Results:

| Test                            | Units               | 3-75x AVG |
|---------------------------------|---------------------|-----------|
| Filtration Efficiency           | % captured, >0.5um  | 11.1      |
| Filtration Efficiency           | % captured, 5um     | 62.9      |
| Particles Heimke Drum           | # >0.5 um/minute    | 256       |
| Particle Generation (All types) | # >5 um/sq.ft       | 993       |
| Fiber Generation (All types)    | # >100 um/sq.ft.    | 9         |
| Particle Generation (Sloughed)  | # >5 um/sq.ft.      | 69        |
| Fiber Generation (Polyester)    | # >100 um/sq.ft.    | 7         |
| Abrasion Resistance, 1000 cy.   | % weight loss       | 1.6       |
| Abration Resistance, 1000 cy.   | # of tears          | 0         |
| Air Permeability                | cu.ft/minute/sq.ft. | >2.0      |
| Water Vapor Transmission        | grams/sq.m/24 hours | nt        |

*Prudential Cleanroom Services. Cleanroom Fabric Study. Test data provided by CPC Laboratories Inc.*

Specifications and procedures subject to change without notice.

Country of Origin: Mexico

## Single-Wire Frock

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**DRAWING  
NUMBER**  
16630

**DATE:**  
January  
2025

# DESCO