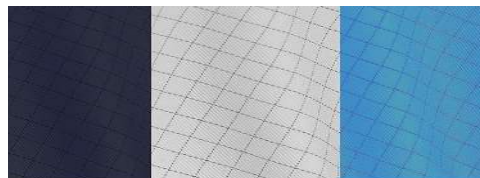


## TX4000 Series ESD Cleanroom Hood

### TX40HF Series - ESD Cleanroom Hood with Ground Snaps

- TX4000 ESD Grid Fabric—99% Polyester / 1% Carbon
- Open face with snap-under-the-chin closures
- Two vertical snaps at each side of temples
- Vertical and horizontal snaps in back and shoulders
- Rolled hem
- Electrically connects to ESD coverall for ground continuity with two snaps
- Reusable / Launderable
- ISO Cleanroom: ISO 6 (Class 1000)
- Meets standards required for ANSI/ESD S20.20.



### Care Instructions

Laundry: Make sure all zippers and snaps are closed. Use a mild detergent or neutral soap. Wash at 120°F for colors and 140°F for whites. Rinse cold. No bleach. Tumble dry moderate (140°F). After drying tumble dry cold for 5 minutes. No iron. Our garments should be laundered prior to 1st wear.

Part Number	Size
TX40HFWH01	XS
TX40HFWH02	S
TX40HFWH03	M
TX40HFWH04	L
TX40HFWH05	XL
TX40HFWH06	2XL

Product Color: White or Navy Blue. Change WH (White) for NB (Navy Blue)

### Specifications

Color	White/Navy/Light Blue*
Sizes	XS-2XL
Country of Origin	Thailand
Type	Hood
Fabric Type	TX4000 5MM Grid
Fabric	99% Polyester/1% Carbon
Closure	Snaps
Construction	ESD-Safe Connects to Coverall
Use	Reusable/Launderable
Grounding	Yes, Connects to Coverall

### Performance

ISO Cleanroom	ISO 6 (Class 1000)
ANSI/ESD S20.20	Yes
Static Control Property	Static Dissipative: <3.5x10e7

\*Light Blue Color Available By Request

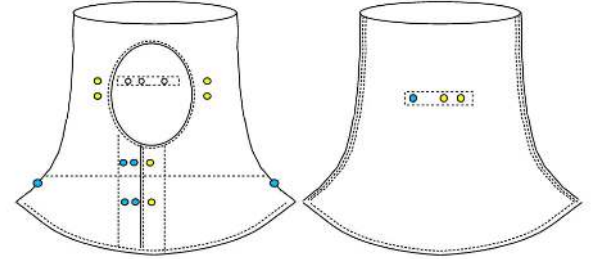
This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.

## TX4000 Series ESD Cleanroom Hood

### TX4000 Fabric Typical Performance Specification

Test	Units	75 Washes	100 Washes
Filtration Efficiency	% captured, >0.5µm	14.10%	13.90%
Filtration Efficiency	% captured, >5µm	65.60%	65.90%
Particle Generation (ASTM F51 Particle Spec)	#>5µm/sq.ft.	250.1	288.1
Fibre Generation (ASTM F51 Fibre Spec)	Particle Spec >100µm<10 µm/sq.ft.	6.8	6.4
Particles Helmke Drum Method	0.5µm/min : <1200	54.5	51.2
Surface Resistivity	ohms/square	10 <sup>7</sup>	10 <sup>7</sup>
Abrasion Resistance, 1000 cy.	% weight loss	1.90%	1.90%
Abrasion Resistance, 1000 cy.	# of tears	0	0
Air Permeability	cu.ft./minute/sq.ft.	>2.0	>2.0
Water Vapor Transmission	grams/sq.m/hour	80.12	78.91

### TX40HF Series - ESD Cleanroom Hood Drawing



### TX4000 System Standards

The TX4000 Systems complies with **ANSI ESDS20.20 & IEST-RP-CC052.1 standards** and qualifies as a Category 3 cleanroom ESD garment capable of grounding mobile operators with both soft and hard sole boots.

- Cleanroom Garments meet the requirement for Groundable Static Control Garment System per ANSI/ESD S20.20 required limit of  $< 3.5 \times 10^7$  ohm Rtg tested per ANSI/ESD STM2.1 and ESD TR53 (23° ± 1° C, 12% ± 3% RH, and 50% ± 5% RH).
- Cleanroom Boots meet the requirement for footwear per ANSI/ESD S20.20 Required limits of  $< 1.0 \times 10^9$  Rtg per ANSI/ESD 9.1-2022 and ESD TR53 (23° ± 1° C, 12% ± 3% RH, and 50% ± 5% RH).



### About Transforming Technologies

Since 1998, Transforming Technologies has helped electronic manufacturing facilities to protect their products and processes from the many serious problems associated with static electricity.

Transforming Technologies offers a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are integral components of an effective static control program.

