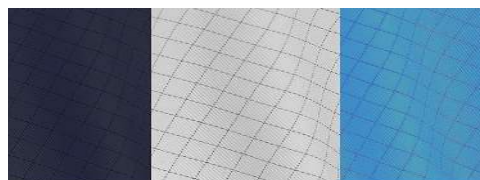


## TX4000 Series ESD Cleanroom Frock



### TX40FR Series - ESD Cleanroom Frock

- TX4000 ESD Grid Fabric—99% Polyester / 1% Carbon
- Raglan sleeves with ESD knit cuffs for body contact
- Military collar
- Zipper closure with snaps for easy gowning
- Seams sewn with conductive threads and grounding tape for reliable panel-to-panel electrical continuity
- Sizes: XS—2XL
- Product Circularity: Reusable / Launderable
- Color: White / Navy / Light Blue\*
- 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 soaps. 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 BS laundered prior to 1st wear.

Part Numbers	Size
TX40FRWH01	XS
TX40FRWH02	S
TX40FRWH03	M
TX40FRWH04	L
TX40FRWH05	XL
TX40FRWH06	2XL
TX40FRWH07	3XL
TX40FRWH08	4XL
TX40FRWH09	5XL

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

### Specifications

Color	White/Navy/Light Blue*
Sizes	XS-5XL
Country of Origin	Thailand
Type	Frock
Fabric Type	TX4000 5MM Grid
Fabric	99% Polyester/1% Carbon
Cuff	ESD Knit Cuff
Closure	Zipper
Construction	ESD-Safe
Collar	Military
Sleeve	Raglan
Use	Reusable/Launderable

### 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

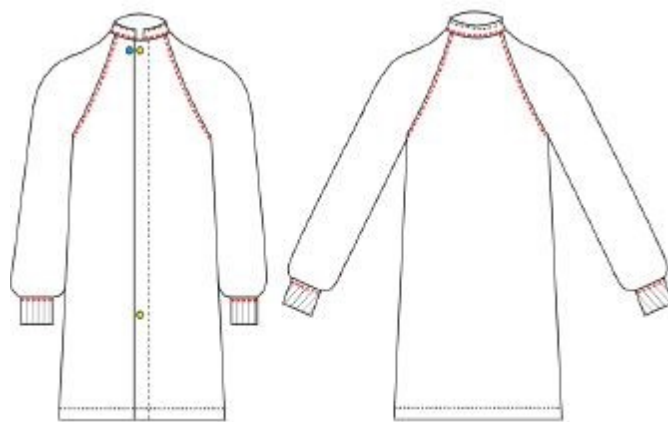
This document is prepared for our customers as a service, and is to the BSst of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional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

## TX4000 Series ESD Cleanroom Frock

### 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

### TX40FR Series - ESD Cleanroom Frock



### ESD-Safe Integrated Cleanroom Wear Designed for Mobile User in Controlled Environments.

Transforming Technologies TX4000 ESD Cleanroom Garment System protects the controlled environment from the number one source of contamination and static found in cleanrooms - people. Electrostatic charge is an invisible contaminant that has the potential to degrade or destroy both product and equipment, as well as attract unwanted particles. Controlling these charges on mobile operators with the TX4000 Garment System throughout the controlled environment is essential to a productive manufacturing process.

[Learn More About the TX4000 ESD Safe Integrated Cleanroom Wear](#)



### 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.