

Fabric weight: 3 oz per square yard.

Color selection: Diamond Blue, White, "Stars & Stripes" pattern
 Meets normal FR requirements for polyester fabrics.

Fabric will not crock or bleed off onto other surfaces.

Fabric content 98% polyester and 2% Shakespeare Conductive Fibers, LLC Resistat® fiber

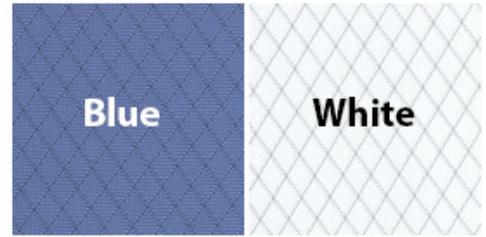
(carbon-suffused monofilament nylon), knit in grid pattern. Carbon suffused monofilament nylon is Shakespeare Resistat® fiber is non-flaking and non-sloughing.

Surface resistivity of fabric is 106 ohms per square with only slight deterioration noticed after 50 launderings. (To maximum of 109).

Static decay rate per 101°C method 5000 volts to 500 in less than 0.1 second.

Finish is disperse-dyed heat set. Contains no softeners, hand builders, etc.

Glass transition rate 450°F, flash point 720°F.



Static Control Performance: Tech Wear's ECONO\$HIELD® garment, made of ECX-500 fabric has excellent shielding properties for use in applications where grounding the garment is unnecessary. Garments made of ECX-500 fabrics meet the requirements of ANSI/ESD STM2.1-2013, Category 2

Life Expectancy: Under normal wearing and recommended washing conditions, Tech Wear garments made of ECX-500 material should maintain their usefulness and effectiveness nearly as long as our guaranteed OFX-100 and IVX-400 garments.

ESD Smock Laundering Guidelines:

Wash in cool or cold water with any commercially available liquid detergent. Do not use bleach or fabric softener.

Laundering heat should not exceed 120°F. Hang dry or tumble dry on low heat. Lightweight fabrics will dry quickly. Do not tumble dry longer than necessary.

Fabric	Carbon	Polyester	Cotton	Fabric Weight	Groundable	ESDA STM 2.1 Guarenteed	Application
ECX-500	2%	98%	-	3.0oz/yd ²	No	Category 2	Static shielding garment in continuous electrical path with a person; however, not the primary ground path

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