

Fabric weight: 4 oz per square yard.

Colors: Royal Blue, Black, NASA Blue, Green, Teal, Burgundy and White.

Meets normal FR requirements for polyester fabrics.

Fabric will not crock or bleed off onto other surfaces.

Fabric content 93% texturized polyester and 7% Shakespeare Conductive Fibers, LLC Resistat® fiber (carbon-suffused monofilament nylon), knit in grid pattern. Carbon suffused monofilament nylon is Shakespeare Resistat® fiber is conductive at 104 and is non-flaking and non-sloughing.

Surface resistivity of fabric is 105 ohms per square with only slight deterioration noticed after 50 launderings. (To maximum of 107).

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

Fabric is light-weight, 70 denier with a unique construction which does not allow easy penetration of dust particles.

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

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

Steam shrinkage: 2% with 30 seconds live steam, 212°F, 30 seconds dwell.

Seams in all constructions are designed to maximize conductivity from panel to panel.

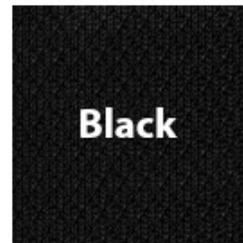
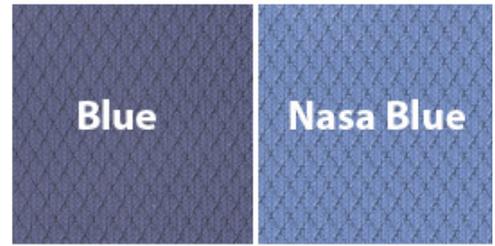
Static Control Performance: Static Control Performance: All Tech Wear garments made of IVX-400 fabric will meet the requirements of the National ESD Association's ANSI/ESD STM 2.1-2013, Category 3, "Garment used as primary grounding path for personnel" and/or "Grounded through a single wire constant monitor system", and will maintain these performance characteristics for a minimum of 100 washes or 2 years, whichever comes first.

Life Expectancy: Under normal wearing and recommended washing conditions, Tech Wear's exclusive IVX-400 material will maintain its usefulness and effectiveness for a minimum of 100 washings or two years, whichever comes first. Tech Wear warranties its products to be free of manufacturing defects. If you are not fully satisfied, notify Tech Wear immediately. Any garments which have been laundered, dry cleaned, altered, marked, or silkscreened/embroidered cannot be returned. To avoid pilling, do not expose ANY polyester knit fabrics to extremely abrasive conditions.

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	7%	93%	-	4.0oz/yd ²	Yes	Category 3 100 Washes	For grounding person and garment when used in conjunction with ESD cuffs or Key Option. Medium-weight comfort and excellent ESD performance

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