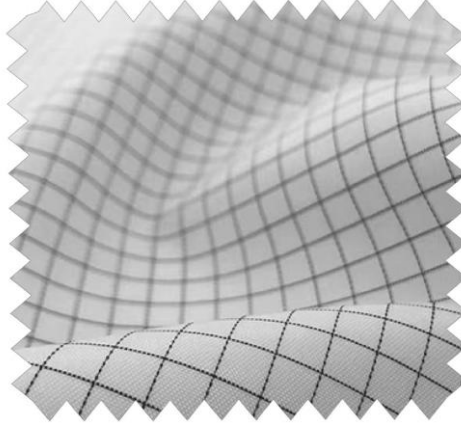


Cleanroom Fabric**Description:**

This fabric is designed for cleanroom and ESD-sensitive environments, offering effective static dissipation and dust-free performance. Its special polyester-carbon blend structure helps minimize electrostatic discharge while maintaining durability and comfort.

Technical Specifications:

Antistatic properties (electrostatic propensity below 10V)

98% polyester, 2% carbon yarn composition

2/3 twill weave (5 mm grid) structure

Fabric weight: 110 gr/m²

Available width: 58" / 60"

Breathable (air permeability: 2.5 cc/cm²/sec)

Water vapor permeability: 289 gr/m²/hr

High tensile strength (Warp: 107.9 kg / Weft: 74.9 kg)

Tear resistant (Warp: 8.8 kg / Weft: 5.3 kg)

Abrasion resistant (71 cycles)

Surface resistivity: $6.9 \times 10^8 \Omega/\text{sq}$

Fast static decay: 0.01 sec

Filtration efficiency:

- >0.3 μm : 77.1%

- >0.5 μm : 83.1%

- >5.0 μm : 94.4%

Compatible with steam autoclave and gamma radiation sterilization

Compatible with IEC 61340-5-1:2016

