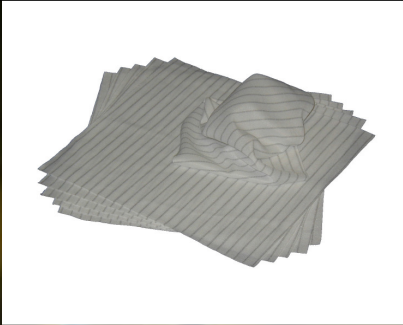


# CritiClean Class 100 Ultra ESD

## ANTISTATIC CLEANROOM LAUNDERED POLYESTER KNIT WIPES



**CritiClean Ultra Class 100 ESD material** is antistatic, extremely low in particle generation and extremely low in chemical extractables. This fabric consists of premium quality virgin polyester fibers and carbon core nylon fibers that are continuously filamented throughout the no-run knit construction. **CritiClean Ultra ESD material** is knitted on state-of-the-art equipment especially for use in cleanrooms. This fabric undergoes a multitude of special processes that include cleaning, scouring, cutting, and a special proprietary cleaning process. Most importantly these wipers are laundered in a class 100 cleanroom using ultra-filtered water of 0.45 micron purity and HEPA-filtered air during moisture removal.

All **CritiClean Ultra ESD wiper** products are hermetically sealed in cleanroom-cleaned packaging under class 10 air-stream. These wipers are individually inspected with lot-to-lot traceability and using ISO 9000 standards.

### PHYSICAL PROPERTIES:

**BASIS WEIGHT** 152.0 g/m<sup>2</sup>

**PARTICLES** 15  
=To or > 0.5  $\mu$ m

**SURFACE RESISTIVITY** <10<sup>9</sup>  $\Omega$

**ELECTROSTATIC DECAY TIME** <1.7 sec.

**SORBENCY IN H<sub>2</sub>O**  
**Intrinsic** .165 ml/g  
**Extrinsic** 425 ml/m<sup>2</sup>

**Non-Volatile Residue (in Isopropanol)** .01 oz./m<sup>2</sup>

**CHLORIDE (ppm)** 4

The above is typical physical property test data applicable to the sample reference name and should not be construed as a specification.

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