

CritiClean Class 10 ESD Cleanroom Wiper

ANTISTATIC CLEANROOM LAUNDERED POLYESTER KNIT

PN#CW-10-ESD-4/9



CritiClean Class 10 ESD Wipers are 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. **CritiCleanESD** 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 wipes 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 Class 10 ESD Wipers** are hermetically sealed in cleanroom-cleaned packaging under class 10 air-stream. These wipes are individually inspected with lot-to-lot traceability and using ISO 9000 standards.

PHYSICAL PROPERTIES:

BASIS WEIGHT	152.0 g/m²
PARTICLES =To or > 0.5 pm	15
SURFACE RESISTIVITY	<10⁹ Ω
ELECTROSTATIC DECAY TIME	<1.7 sec.
SORBENCY IN H₂O	
Intrinsic	.165 ml/g
Extrinsic	425 ml/m²
Non-Volatile Residue (in Isopropanol)	.01 oz./m²
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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