

Technical Data Sheet



SmartWipes® 810-Econo UltraClean Economy

Product Description

UltraClean is a 100% continuous filament polyester fiber wipe that meets the highest cleanroom requirements ensuring superior cleaning performance. Extremely clean and static free, these wipes are a must in any environment where lint free cleaning is critical. In terms of use characteristics, these wipes pick up solvent spills and oil, as well as water, and at about two to three times the rate of cotton.

Features

Material: heavy weight, exceptional absorbency, high abrasion resistance, smooth surface and soft texture will not scratch, wet or dry.

Strong: the interlocked knitted construction and pattern was developed to insure the greatest product integrity.

Low Particle: critically low particles, fibers, ions and extractables.

Laundered: laundered in ultrafiltered water of 0.45µ purity and dried in HEPA filtered Class 10 air stream.

Cleanroom Prepared: inspected, hermetically sealed and double-bag packaged within ISO Class 4 (Class 10) conditions.

Cleanroom Class

ISO 14644-1 Cleanroom Standard	ISO Class 4 - 5
US FED STD 209E Cleanroom Standard	Class 100

Basis Weight

(oz/yd ²)	4.4
(g/m ²)	149

Thickness

(mils)	17
(mm)	0.432

Sorbency Capacity

Intrinsic (mL/g)	2.15
Extrinsic (mL/m ²)	310
Test Method	IEST-RP-CC004.3

Nonvolatile Residue (NVR) (mg/g)

Deionized Water	0.014
Isopropyl Alcohol	0.182
Test Method	IEST-RP-CC004.3

Ions (ppm)

Sodium	0.95
Chloride	0.53
Test Method	IEST-RP-CC004.3

Particles (million/m²)

0.5 - 5.0 µm	16.7
5.0 100 µm	0.04
Test Method	IEST-RP-CC004.3

Fibers (fibers/m²)

>100 µm	41,300
Test Method	IEST-RP-CC004.3

Packaging

Size*	9" x 9"
Wipes/Package	150
Packages/Case	10
*custom size on request: 12"x12"	
Total Wipes/Case	1500

Case Weight & Dimensions

Weight	27 lbs
Dimensions	20" x 10" x 16"

Availability

Products are available through global sales and a nationwide network of distributors.

Environmental Policy

As a leading manufacturer and supplier of SMT production supplies; JNJ is committed to providing high quality products and services in a manner that does not impact upon, but enhances the environment.

The data supplied in this document is for guidance only and is not intended to serve as a specification or recommendation. JNJ has made suggestions on which wipers are suitable for cleanroom classifications. However, the final decision should be made by the end user for their specific application. JNJ Industries does not guarantee the accuracy of the information and does not assume liability in connection with any damages that may be incurred while using the product and reserves the right to change the above data without notice.

JNJ Industries · 290 Beaver Street, Franklin, MA USA 02038 · 508.553.0529 · 800.554.9994 · sales@jnj-industries.com · jnj-industries.com
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