

Technical Data Sheet



SmartWipes® 413A-UNL EquaStat Unlaundered

Product Description

EquaStat Unlaundered heavy weight wipes are comprised of 100% polyester fiber with lines of Dupont's® NEGASTAT® carbon yarn to promptly disperse electrical static. This ESD safe material is also available in EquaStat Roll 413A-RL unlaundered rolls and EquaStat 413A laundered wipes.

Features

ESD Material: static dissipative

Integrity: interlocked knitted pattern was developed to ensure the greatest product integrity and decreases particle generation and soluble extractables.

Strong: knit construction provides strength and cleaning performance.

Cleanroom Class

ISO 14644-1 Cleanroom Standard	ISO Class 6 - 9
US FED STD 209E Cleanroom Standard	Class 1,000

Basis Weight

(oz/yd ²)	3.4
(g/m ²)	115

Thickness

(inches)	0.019
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Sorbency Capacity

Intrinsic (mL/g)	2.21
Extrinsic (mL/m ²)	295
Test Method	IEST-RP-CC004.3

Nonvolatile Residue (NVR) (mg/g)

Deionized Water	0.018
Isopropyl Alcohol	0.033
Test Method	IEST-RP-CC004.3

Particles (million/m²)

>0.5 µm	21
Test Method	IEST-RP-CC004.3

Static Dissipative Characteristics

Surface Resistivity (w/square)	7x10 ¹¹
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Packaging

Size*	9" x 9"
Wipes Per Package	150
Packages Per Case	5
*custom sizes on request: 4"x4", 12"x12"	
Total Wipes Per Case	750

Case Weight & Dimensions

Weight	14 lbs
Dimensions	18" x 12" x 9"

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 wipes 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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