

Technical Data Sheet



SmartWipes® 413A-UNL EquaStat Unlaundered

Product Description

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

Electronics: excellent for board assembly and repair operations. Not recommended for cleanroom environments.

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/Package	150
Packages/Case	5
Total Wipes/Case	750

**available in EquaStat Laundered #413A - call factory for quote

Case Weight & Dimensions

Weight	13 lbs
Dimensions	18" x 12" x 10"

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.

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