

Technical Data Sheet

SmartWipes® 443 Foam

Product Description

Foam wipes are comprised of zapped reticulated, open celled, white polyurethane.

Zapping: a process that involves placing a bun of foam in a very large vacuum pressure vessel known as a "zapper". The vessel is evacuated and filled with an explosive gas mixture. The gas is ignited and a controlled flame front passes through the foam, melting the window membranes and leaving the skeletal structure intact.

Features

Absorbent: absorbent to solvents and solutions.

Strong: will not snag on surface mount stencils.

Non-abrasive: soft texture, wont scratch surfaces.

Low Particle: fiber free construction, no linting.

Cleanroom Prepared: converted, cleaned and double-bag packaged in a cleanroom environment.

Chemical Tolerance: resists hydrocarbons, oils, solvents, and grease.

Cleanroom Class

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

Thickness

(inch)	0.125
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Pore Frequency

(per in ²)	100
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Particles (million/m²)

>0.5 µm	17
Test Method	IEST-RP-CC004.3

Packaging

Size*	6" x 9"
Wipes Per Package	100
Packages Per Case	5
*custom sizes on request: 3"x3", 4"x4", 9"x12"	
Total Wipes Per Case	500

Case Weight & Dimensions

Weight	28.75 lbs
Dimensions	18 .56" x 18.5" x 12.25"

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 01703 · 508.553.0529 · 800.554.9994 · sales@jnj-industries.com · jnj-industries.com
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