

Technical Data Sheet



SmartWipes® 443 Foam

Product Description

Foam wipes are comprised of zapped reticulated, open celled, white polyurethane. These 1/8" thick wipes are durable and reusable. The open cell structure of these wipes not only traps dirt and soils, but also the high sponge-like properties makes them an excellent solvent applicator.

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 |
|--------|-------|

Pore Frequency

| | |
|------------------------|-----|
| (per in ²) | 100 |
|------------------------|-----|

Particles (million/m²)

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

Packaging

| | |
|--------------------------------|---------|
| Size* | 6" x 9" |
| Wipes/Package | 100 |
| Packages/Case | 5 |
| *custom size on request: 4"x4" | |
| Total Wipes/Case | 500 |

Case Weight & Dimensions

| | |
|------------|-----------------|
| Weight | 7 lbs |
| Dimensions | 26" x 14" x 15" |

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.

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