

# customspotlight...

JNJ's unlimited capabilities as a converter span from simple private labeling to complete product development and manufacturing. Our dedicated cross-functional team understands unique requirements with our proven experience in best-in-class manufacturing. This experience enables us to produce reliable, high-quality surface mount consumable products and innovative workflow solutions to increase yield and enhance productivity. Partner with us to scale up your stencil printing process, improve cost-efficiency and reduce contaminated waste material.

Our modern production operation includes specialized machinery with the latest technology for converting our wiper products. We can produce a custom roll based on your specifications to optimize the cleaning process. With a wide range of master roll sizes in stock, we offer both standard and custom solutions for all applications.

JNJ's objective is to be the first choice supplier of process support products.

## the one material that does it all >>>

### Sontara®

*SmartRolls...the SmartChoice!*

*Cut down-time, reduce operator intervention, keep screen printers running efficiently!*

Although JNJ offers other material selections, Sontara is our fabric of choice for understencil wiping rolls due to its cleaning performance that is beyond the capa-



bilities of the materials used by our competitors. Sontara is a hydroentangled blend of cellulose/polyester cleanroom grade material for cleaning under stencils between prints. Special non-woven fabric

construction reduces lint, preventing aperture blockage and contamination. Equipped with outstanding strength, it wicks quickly and consistently across the full width of the cleaning roll to ensure even distribution of the cleaning agent for a more productive clean. Due to its excellent airflow characteristics, this material will not compromise vacuum power, optimizing aperture cleaning performance. Using our high quality wiping rolls will help prevent many common production defects like bridging, smearing, solder balls, and other problems associated with circuit board printing. It effectively removes residual adhesives, solder pastes and fluxes, with or without solvents.



## The Perfect Complement

JNJ's OEM line of replacement blades and holders are designed and manufactured as a superior and cost-effective replacement for the squeegees that are available from the printer manufacturers. Our blades offer improved print deposition, uniformity and are known for long lasting stable performance in challenging fine pitch printing applica-



tions. JNJ's SmartRolls and squeegees are the perfect complement for achieving optimum productivity and value.

Our commitment is to manufacture consumable products that are environmentally stable and friendly throughout their entire life cycle. These products are in compliance with RoHS, Conflict Minerals, WEEE and REACH regulatory and statutory requirements.



## our product lines >>>

- > SmartRolls® Understencil Wiping Rolls
- > SuperSaturated SmartWipes®
- > GlobalTech® Chemicals
- > SmartWipes® Drywipes
- > Squeegee Blades & Holders

## essentials >>>

- Made in the USA
- ESD packaged
- Maximum absorbency & solvent resistance
- Suitable for wet & dry applications
- Adaptable for all vacuum options
- Customizable
- Immediate availability
- Worldwide distributor network



## UnderStencil Wiping Rolls

# TECHNOtalk

## solutions >>>

### SelectaWipe Rolls

*Cleans with the ease of a paper towel!*

Our economical mega-rolls have 200 perforated wipes and are specifically designed for use in electronic assembly manufacturing and precision cleaning applications. SelectaWipes allow users to tear off a cleanroom grade wipe with the ease of a paper towel. They are absorbent, tear and shred resistant with an advanced structure of exceptional strength, wet or dry. The wipe effectively removes all types of medium. SelectaWipes have a high chemical resistance to all current Surface Mount solvents. Each roll is shrink wrapped in a protective ESD safe film.

Ordering Info: 401PW-9 and 401PW-12



## SmartRolls®

### The Industry Standard in Understencil Cleaning!

JNJ Industries is the recognized expert in understencil wiping rolls by exceeding the demanding requirements of the equipment manufacturer and by offering the widest range of OEM compatible rolls in the global market today.

Because understencil wiping is so critical to the SMT PCB assembly process, JNJ utilizes only the highest quality materials available for our SmartRoll UnderStencil Wiping Rolls. Our materials are chosen specifically to deliver optimum performance and value for each and every application. Our stencil cleaning rolls feature an advanced structure of exceptional strength, absorbency and low



lint, resulting in increased stencil cleaning efficiency. SmartRolls effectively remove residual adhesives, solder pastes and fluxes, with or without solvents. Using our high quality wiping rolls will help prevent many common production defects like bridging, smearing, solder balls, and other problems associated with cir-

cuit board printing. The high tear resistance raises MTBF and reduces operator intervention, resulting in more efficient and low cost production. Due to their excellent airflow characteristics, these materials will not compromise vacuum power, optimizing aperture cleaning performance. We produce both standard and custom roll configurations to maximize production requirements and improve the wiping process. Each SmartRoll is individually shrink wrapped in a protective static dissipative ESD safe film, with superior static control properties, allowing an unlimited shelf life. JNJ offers solutions that meet the stringent requirement of today's electronics manufacturers.

first quality wiping rolls >>>

# MPM Speedline Technologies

JNJ manufactures and stocks all stencil rolls that fit the MPM family of screen and stencil printers. Stand-out quality rolls with a next day delivery option.



## High Capacity

Completely compatible with and approved for use with Accela, the 130' high capacity rolls optimize consumables management while minimizing downtime to increase productivity.

printers, our understencil rolls are the ideal drop-in replacements. Roll core tube lengths range from 18" to 24.5" with a roll OD of 2.5". To optimize your printing requirements, custom material widths and increased feet per roll are available for all core sizes.

## Standard

Configured for MPM's complete line of fully automated

## Technical Specs

4101MP	18" x 39' - .75", paper width / 17.5"
4101MP-12	18" x 39' - .75", paper width / 12"
4101MP-14	18" x 39' - .75", paper width / 14"
4101MP-130	18" x 130' - .75", paper width / 17.5"
4101MP-55	18" x 55' - .75", paper width / 17.5"
4102MP	18" x 33' - 1", paper width / 17.5"
4104MP	24.5" x 39' - .75", paper width / 24"
4105MP	22" x 39' - .75", paper width / 21.5"
4301SM	16" x 39' - 1.5", paper width / 16"
4302SM	20.47" x 39' - 1.5", paper width / 20.47"
7101MP-55	18" x 55' - .75", paper width / 17.5"



.5" diameter cores >>>

# EKRA

JNJ manufactures the largest variety of standard and custom EKRA wiping rolls.

Featuring a unique narrow paper tube, JNJ's EKRA wiping rolls come standard in core lengths of 11.81" / 300mm up to 23.62" / 600mm. Due to the adjustable stop mechanism on EKRA stencil printers, our understencil rolls are completely customizable to enhance your cleaning performance. Core lengths available up to 25" / 635mm and extended feet from 28' / 9m up to 55' / 17m. More feet per roll results in less down time, less changeover time and less inventory required.



## Technical Specs

4401EK	11.81" x 28' - .525", paper width / 11.81"
4402EK	17.71" x 28' - .525", paper width / 17.71"
4403EK	23.62" x 28' - .525", paper width / 23.62"
4404EK	19.69" x 28' - .525", paper width / 19.69"
4405EK	15.75" x 28' - .525", paper width / 15.75"
4406EK	20.87" x 55' - .525", paper width / 20.87"

# YAMAHA

Our Yamaha SmartRoll understencil wiping rolls are drop-in replacements for the expensive rolls offered through the OEM. These 1" diameter rolls are available with a variety widths and linear feet. Many custom options available to maximize your cleaning process.

## Technical Specs

40006YAM	17.32" x 98' - 1", paper width / 17.32"
40026YAM	17.25" x 85' - 1", paper width / 17.25"
40033YAM	20.75" x 98' - 1", paper width / 20"
40055YAM	14.17" x 98' - 1", paper width / 10"
40058YAM	10.20" x 99' - 1", paper width / 10.20"
40062YAM	17.25" x 75' - 1", paper width / 17.25"

# DEK International

Our DEK stencil wiping roll product line exceeds the OEM's quality, ensuring that our SmartRolls® consistently perform to our customer's expectations.

JNJ's precision replacement stencil

rolls are completely compatible with all DEK automated stencil printing machines. Our high-performance materials come standard in widths of



## Technical Specs

4202DK	20.87" x 36' - .75", paper width / 20.12"
4202DK-12	20.87" x 36' - .75", paper width / 12"
4202DK-14	20.87" x 36' - .75", paper width / 14"
4202DK-16	20.87" x 36' - .75", paper width / 16"
4202DK-45	20.87" x 45' - .75", paper width / 20.12"
4202DK-W*	20.87" x 36' - .75", paper width / 20.12"
7202DK	20.87" x 36' - .75", paper width / 20.12"

\*window sensor

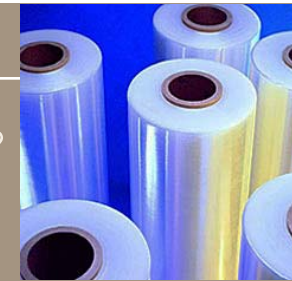
12" / 300mm to 20.12" / 511mm on a 20.87" / 530mm notched plastic core. To maximizing the cleaning process of today's modern fine-pitch assemblies, custom material lengths and widths are available.

anti-static packaging >>>

Q: Is anti-static packaging critical in electronics?

A: Yes! Since electronic components are prone to damage caused by the transfer of electrostatic discharge, ESD safe film is a highly recommended packing addition for every ESD control program.

JNJ was the first manufacturer to shrink wrap understencil rolls in protective static dissipative ESD safe film. After we launched this packaging concept, it was accepted in the global market and is now a must-have addition for every ESD control program. Our static dissipative ESD film has superior static control capabilities, is amine-free and has inherent anti-static properties which provide permanent product stability. Its contact clarity allows easy identification of the packed contents. The surface resistivity remains at a constant level over extended periods. Made of top grade polyolefin resins, is polycarbonate compatible, completely recyclable and contains no harmful substances. Our shrink film is a light packaging concept which is environmentally safe and limits post-consumer waste.



# JUKI

As Juki's experienced provider of consumable products, JNJ manufactures their complete line of understencil wiping rolls. OEM partnerships allow customers to purchase peripheral products through JNJ for faster delivery and lower prices.

## Technical Specs

4001JK	18.5" x 37' - .75", paper width / 17.75"
4002JK	20.87" x 40' - .75", paper width / 20.12"
4003JK	16" x 36' - .75", paper width / 15.5"

# Other OEMS...

Our in-house converting capabilities affords us the inimitable opportunity to produce understencil rolls for any surface mount printer in the global market. With exceptional quality, customer support and industry experience, JNJ is dedicated to satisfying all your process requirements from a single source.

- > Minami
- > Fuji
- > Samsung
- > Panasonic/KME
- > SJ Inno Tech
- > ERSA
- > Speedprint
- > Essemtec
- > Hitachi
- > ESE
- > Sanyo

