



Micronova[®]
MANUFACTURING INC.

HIGH
TECHNOLOGY

Excellence in cleaning since 1984

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part of Thermo Fisher Scientific



Damp Mopping

Damp mopping removes contamination and reduces the possibility of electrostatic discharge (ESD) events near sensitive devices. Micronova offers a selection of String Mops and Flat Head Mops for cleaning both small and large surface areas quickly and effectively.

Products that support and simplify contamination control, within hi-tech production, are the core of Micronova's portfolio.

Partnering with Industry Leaders for over 35 years has allowed the company to develop cleaning solutions and systems that now have the same relevance in Microtechnology, Nanotechnology, Medical Diagnostics and Battery Production.

Low Extractable, Low Particle, High Efficiency Mops



(Left)
This PVA **MicroMop**® offers exceptional absorbency for a fast drying time, ideal for applications where a dry, residue free surface is essential



(Right)
The **NovaKnit**™ looped design mop is absorbent and durable with no exposed edges and available in two sizes. Launderable.



The large polyester **SlimLine**™ Slip Cover is designed for single use or can be layered with multiple slip covers. When cleaning larger areas the layering technique minimizes time taken to change mops. Smaller sizes are available for walls, equipment, and smaller areas.

Featured Topics

- Damp Mopping
- Heavy Duty Cleaning
- Specialized Cleaning
- Sealing and ESD Tapes
- Documentation

The mops are complemented by the **NovaClean**® range of detergents which effectively emulsify and remove particles during the wetting and wiping process. The low residue, ion-free formulation will not adversely impact conductive flooring.

- Low non-volatile residues
- Filtered to 0.1 micron
- No Mobile Ions
- Free Rinsing
- <100 ppb Na, K and Cl



NovaClean® Concentrated multi surface detergent



NovaClean® AFX Amine free formulation



NovaHol® Ready to Use quick drying formula with IPA

Heavy Duty Cleaning

Parts and Surface Spot Cleaning

Heavy duty cleaning challenges are minimized using **MegaClean™** and a variety of abrasive material options. Applications include:

- Reduce photoresist stains
- Slurry or graphite removal
- Removal of flux from printed circuit boards
- Scuff marks & adhesive residues
- Parts cleaning in ultrasonic baths

MegaClean™

A heavy duty, biodegradable cleaner formulated for surface, parts and machine cleaning in the Hi-Tech and Aerospace sector. Use concentrated or diluted.



*PolyMesh™
Sponge*

NovaSponges™ with cleaning surfaces of braided polyester mesh or flexible reticulated foam flex for scrubbing without scratching.



*NovaScrub™
Sponge*

The **Hand Held Mop** comfortably fits the user's hand allowing added pressure, with separation between the technician and workstation surface. Ideal for removing spills, photoresist stains in the semiconductor industry or slurry or graphite in industrial battery production.

The Polymesh & NovaScrub covers allow a vigorous cleaning action.



NovaSpill™

This Cleanroom spill pillow offers excellent absorbency. A 28" cylinder composed of 100% polyester strips contained in a polyester sleeve. Low-linting with good chemical resistance.



Specialized Cleaning In and Around Equipment

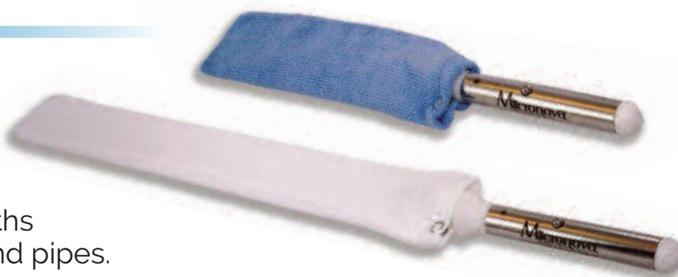
Specialty tools meet the challenges of cleaning restricted spaces. Lightweight and ergonomic, these devices and unique material blends can tackle narrow and uneven surfaces, heavy soils and tough process residues.



Designed for Isolators, Containment Hoods and Fume Cupboards, the low profile, angled head and lightweight design of the **Isolator Tool™** allows for easier cleaning in small spaces, with a simple swivel head, and choice of handles.

The **PolyMitt™** cleaning Mitt Wipes present the versatility of a premium wipe in a convenient mitt format. Cleaning shelves, carts, tanks, furniture and equipment is made simpler with this generous “one size fits all” option.

MegaSwat™ flexible blade or “paddle” style mops clean under and inside narrow spaces – air returns, calibrated equipment, floor scales and door jambs. Different lengths and widths to address overhead lighting and pipes.



M-Zone® ScreenWipes

Clean and dry delicate screens, tablets and equipment with this combo pack of Sontara® fabric wipes. Pre-saturated with a signature blend of NovaClean® and IPA, the M-Zone ScreenWipes clean to a dry finish – in seconds.



NovaCel™ Wipe & Sponge

A firm polyvinyl acetal for polishing and removing slurries, this synthetic reticulated material has a high absorbency and moisture retention suited to wicking and wiping applications.

PVA Wipe

A very absorbent wipe, the polyvinyl alcohol non-woven is highly absorbent and can be cut to custom sizes and shapes.

Tapes for Critical Processes

Sealing & Packaging Tapes

These tapes are designed specifically for sealing wafer shipping boxes as well as cleanroom packaging and bag sealing. Its specially formulated adhesive leaves no residue or ghosting on plastic boxes, even after prolonged storage. The tape contains extremely low levels of metals, halogens, and outgassing.

Polyethylene Tape

The polyethylene film has excellent chemical resistance and conformability, is low in halogens and leachable chlorides and with its acrylic adhesive, allows clean peel and re-seal with low outgassing. Applications include: wafer box sealing, cleanroom support areas, maintenance and clean build projects.

- Individually bagged
- Acrylic Adhesive
- Available in 8 colors for color coding
- Processed for clean production
- Available in a variety of widths ¾" to 4"



Vinyl Tape

The Vinyl tape is conformable, making it ideal for taping and sealing curved and irregular surfaces. The medium tack adhesive ensures a clean peel from wafer cartridges and cleanroom work surfaces. Other applications include: labeling, color coding, aisle marking and can also be written on with a cleanroom pen.

- Individually bagged
- Rubber Adhesive
- Processed for clean production
- Available in 9 colors for color coding
- Available in a variety of widths ¾" to 4"



*Extended lengths for sealing machines:
150 yard length for automated wafer box sealing,
and 1000 yard length for Nitto machines*

Electrostatic Discharge (ESD) Area Tapes



Polyimide

Polyimide extreme temperature tape is suitable for high heat and sub zero applications.



CGT™

A Conductive Grid Tape with special polypropylene tape layered with a non-sparking, anti-static surface on the inside and outside of the tape.



NovaStat™ Anti-Static Tape

NovaStat tape is a transparent tape specially designed for use in ESD-sensitive environments.

Safety and Marking Tapes



Barrier Tapes

A highly visible, non-adhesive polyethylene film with bold black lettering.



SST™ Striped Safety Tape

A striped pressure sensitive tape for delineating and color coding specific equipment and areas.



EZT™ Construction Tape

A high tack polyethylene tape with unique serrated edges which allow an EZ Tear.



MicroSeal™

Perforated every 3" for easy tear, MicroSeal is used for sealing gloves to garments or wrapping plates used for environmental monitoring.



Cleanroom Pens

- Cleanroom Pens feature a low-sodium, indelible ink and a special high-density poly barrel to limit particle generation.
- Available in Black, Blue and Red. Certified for Class 100

Double Coated Tapes

Double Sided Tapes

Premium high performance double-sided polyester film tape coated with a solvent acrylic adhesive system. For permanent and temporary attachment



Good Documentation

Cleanroom Pens and Markers

Good documentation practices are imperative. Click below for pen options from irradiated indelible ink pens to smear resistant markers.

[Click Here to view mini catalog](#)

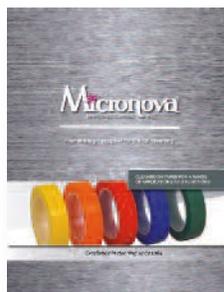


Marking and Sealing

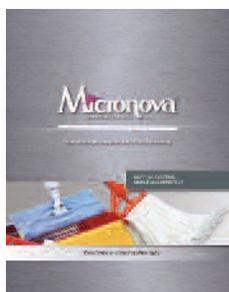
Cleanroom Tapes

Marking and sealing tapes, irradiated tapes and autoclave indicator tapes on a plastic core, are designed for cleanroom application.

[Click Here to view mini catalog](#)

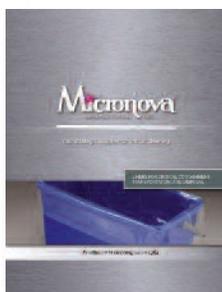


Mopping Systems



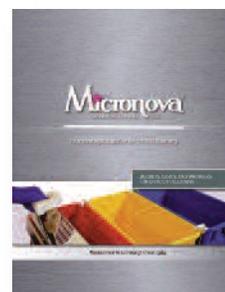
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Liners for Critical Containment



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Buckets, Carts, Wringers for Efficient Cleaning



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