

P R O D U C T C A T A L O G

Micronova[®]

MANUFACTURING INC.

Your Cleanroom's Worth It![™]



Cleanroom Mops



Hardware
Carts & Buckets



Detergents
& Cleaners



Hand Hygiene



Cleanroom Tapes



Sponges & Wipes



Welcome!

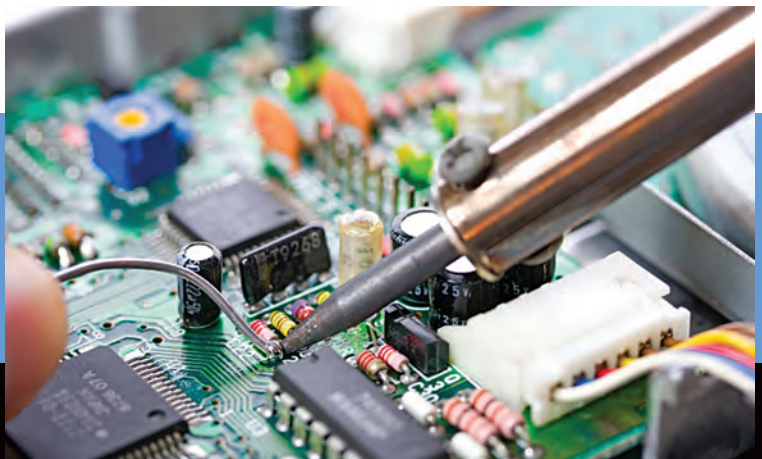
In today's world, the call for controlled manufacturing is standard across a wide range of industries. Processing and cleaning controls continue to grow ever more stringent in biotechnology and pharmaceutical production – at the same time engineers in wafer production and nanotechnology search for methods to attain higher yields.

These issues are a key factor in the development of Micronova's range of products which include: mops, support hardware, soaps, detergents and tape. Each is designed with clean manufacturing in mind – down to the last detail.

Since 1984, cleanrooms and controlled environments the world over have come to rely on Micronova to provide the right products for their critical cleaning needs. With several U.S. Patents in place and others pending, our research team continues to develop the products that set the standard in cleanroom maintenance. At Micronova, we understand the necessity of meeting strict production requirements with the highest level of control. It's our job.

Where quality is imperative, choose Micronova.

Micronova[®]
MANUFACTURING INC.



Pages



2-3 **String Floor Mops**

A traditional mop style that covers large surface areas, Micronova's string floor mops are available in a selection of fabrics to address the needs of hi-tech to bio-pharma applications.



4-5 **Flat Head Mops for Floor and Wall Cleaning**

Assuring constant contact with the surface being cleaned, Micronova's variety of flat head frames will hold an assortment of mop heads allowing broad use and adaptability.



6 **Special Tools & Accessories**

From shut-downs and supercleans to general cleaning of standard equipment such as hoods and isolators, Micronova's tools and accessories make cleaning surfaces, fixtures, fittings and equipment less of a challenge.



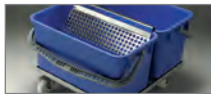
7 **Self-Wringing & Squeegee Style Mops**

When space or protocol limits the use of wringers and additional hardware, Micronova's self-wringing PowerHead and TwistMop present an "all-in-one" solution for controlled cleaning.



8-9 **Hardware & Accessories**

The core element of an efficient cleaning system, Micronova's handles and adapters incorporate electropolished stainless steel and high grade polymers to meet stringent cleaning standards.



9-11 **Buckets & Wringers**

Cleaning carts and buckets are available in single and multi-bucket options.



12-13 **Detergents & Cleaners**

Filtered to 0.1 microns, Micronova's detergents are available in concentrated or ready-to-use formulations.



14-15 **The M-Zone™**

A collection of products ready to meet complex or unusual cleaning and support tasks within your clean environment.



16 **Bucket Liners and Bin Liners**

An economic solution for re-use of buckets and bins - in both sterile and non-irradiated versions.



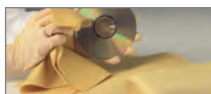
17 **Hand Hygiene**

A selection of soaps, sanitizers and hand treatments for use with our Touch Free Dispensers.



18-21 **Cleanroom Tapes**

From food grade packaging to transportation of wafer chips, Micronova's tapes combine clean films and adhesives to match pressure sensitive applications in clean and controlled manufacturing.



22-25 **Sponges & Wipes**

Sponges and Wipes for niche applications such as high absorbency wiping to lapping and polishing.



26 **Brushes**

Stainless steel wire brushes and specialty brushes for interior pipe and vessel cleaning.



27-28 **Miscellaneous & J-Zone**



String Floor Mops

Micronova offers a selection of string mops for cleaning large surface areas quickly and efficiently.

Whether laying down disinfectant or cleaning to a dry finish, different designs and fabrics address the various protocols found in many cleaning scenarios from microelectronic fabs to food processing and pharmaceutical production.

NovaKnit Mops

An absorbent, deceptively robust mop for cleaning and liquid pick-up in controlled and critical environments.

The unique ribbing of the strands produces a mop that is both low linting and absorbent. The NovaKnit is available in two fabrics, 100% Polyester (MP52-31-12W) or a Polyester/Nylon Blend (MP53-31-12W) for applications requiring greater absorbency.

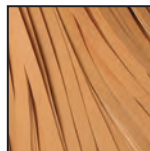
The solid construction of the mop, combined with the durable fabrics allow the mop to be used with strong disinfectants, laundered and re-used. The NovaKnits hold up to autoclave and are available irradiated.



Mop Head and Mop Cover Materials (See page 5 for details)



PVA
Low-linting and absorbent.
Non-autoclavable



NovaLite
Autoclavable and usable with strong disinfectants



PolyGen
Economical, autoclavable, low-linting



NovaPoly
Autoclavable, low-linting

Part No.	Description
MP52-31-12W	Polyester NovaKnit
MP5231-12WIR	Polyester NovaKnit Irradiated
MP53-31-12W	Poly/Nylon NovaKnit
MP5331-12WIR	Poly/Nylon NovaKnit Irradiated
PG9-12	PolyGen Mop
PG9-12IR	PolyGen Mop Irradiated
MZLM5-12	M-Zone LoopMop
MZLM5-12IR	M-Zone LoopMop Irradiated
MZCRMS11-12	M-Zone MegaSorb Mop
ML-1	MicroLoop Mop PVA
ML-9	MicroLoop Mop PolyGen
CRM-1	MicroMop PVA
CRM-2	MicroMop NovaLite
CRM-6	MicroMop Polyester
CRM-66	MicroMop Polyester Die-Cut
MICRO21-1	MicroMop Deluxe PVA
PPM4-MM15	PharmaPly Mop
PPM4-MM15IR	PharmaPly Mop Irradiated
CRMS-LB	NovaSorb Mop
CRMS-LBIR	NovaSorb Mop Irradiated
QDMH-1	MicroMop Adapter
SSU-1	Stainless Steel Ext. Handle 36"-72"
MH-1	MicroMop Handle Fiberglass and Polypropylene
SSA-3	Acme Thread Adapter for use with ML-1 & ML-9 and SSU-1 Handles



MicroLoop™ Mops

A functional looped mop which can be used for service areas outside the cleanroom and for "clean build" projects. The MicroLoop heads attach to the stainless steel handle by way of the SSA-3 Acme Thread Adapter (see page 8).

ML-1 MicroLoop PVA



For cleanroom support, post-construction and clean-build projects.

ML-9 MicroLoop PolyGen



An economical polyester mop head ideal for "Hazmat" and general spill control.

CRM-1 MicroMop® PVA

This mop offers exceptional absorbency and low linting features. With an absorbency of 600% and a drying time of 10-12 seconds, the CRM-1 is an obvious choice for high-tech applications where the need for dry, residue-free surfaces is paramount.



MICRO21-1 MicroMop® PVA

The MICRO21-1 is a perforated version of the standard CRM-1 mop. It offers increased absorbency and wicking with its perforated strands which increase the surface area of mop fabric in contact with the floor.



CRM-2 MicroMop® Lite

A sturdy mop for controlled environments and cleanroom support areas. The latex rayon blend will retain its absorbency and efficiency over several uses. The CRM-2 can be autoclaved for medical and sterile applications.



PG9-12 PolyGen™ Mop

An economical low-linting polyester mop. The herringbone weave in the looped strands ensures no raw edges, guaranteeing low particulation. The PolyGen is designed to cover large areas and to apply disinfectants that require extended drying time. The PolyGen holds up to strong disinfectants and can be autoclaved.

For sterile applications, ask about our irradiated PolyGen Mop - Part Number PG9-12IR



CRM-6 MicroMop® Polyester

A substantial mop which efficiently wicks away moisture and is laser cut to minimize particulate. A concealed foam brick at the top of the mop offers a dual-cleaning action for high traffic areas and heavy duty cleaning. The CRM-6 will hold up to strong disinfectants and steam sterilization.



CRM-66 MicroMop® Polyester Die-Cut (not shown)

PPM4-MM15 PharmaPly™ Mop

This polyester/rayon blend mop combines superior absorbency with the clean, low-linting qualities of polyester. Ideal for cleaning and disinfecting pharmaceutical support areas, hospitals and laboratories with stringent cleaning routines. Holds up to strong disinfectants and can be autoclaved. Available Irradiated.



MZCRMS11-12 M-Zone™ MegaSorb™ Mop

An innovative low-linting and highly absorbent microfiber mop, based on the traditional string mop design. The MegaSorb is made up of microfiber tubes which draw up and trap small particles more effectively than standard poly/cotton mops which roll over the dirt. Ideal for laying down strong disinfectants and drawing up spills. Can be laundered and re-used and holds up to autoclave and gamma-irradiation.



MZLM5-12 LoopMop™

A functional knitted polyester mop for applying disinfectant in pharmaceutical, aseptic processing and medical device applications. The tubular strands of the mop draw up moisture efficiently and ensure that disinfectants are laid down for the required contact time. The durable construction of the mop allows it to be laundered, autoclaved if necessary, and used several times. Also available irradiated.





Flat Head Mops for Floor and Wall Cleaning

SlimLine™ Mop

- Electropolished steel frame
- Rotates 180° in both directions
- Easy coverage of floors, walls and corners
- Available in three sizes with a choice of slipcovers
- Use with SlimLine or Slim "T" bucket systems
- Available irradiated

SnapMop™, PocketMop™ and PadMop™ Shown Below are Compatible with the SlimLine™ Mop Adapter Series

M-Zone SnapMop™

- Designed for controlled environments, pharmaceutical production and hospital pharmacies
- Suited to 'Latex Free' Environments
- Quality features of covered foam combined with economical design
- Low Profile design
- Angled head for easy application of disinfectant or detergent
- Variety of sizes (9", 14", 18")
- Available in Polyester, Microfiber, MegaTex, and PolySorb materials
- Launderable/Autoclavable
- Available Gamma Irradiated



PocketMop™

- Cleanroom grade materials of construction combined with economical design
- Suited to pharma production, compounding pharmacies, food processing, nutraceuticals, hospitals and medical device
- Angled head for easy application of disinfectant or detergent
- Available in NovaPoly, PolySorb, Microfiber and MegaTex materials



PadMop™

- Bio-tech / aseptic processing
- Low profile design
- Angled head for easy application of disinfectant / detergent
- Thicker foam allows use of both sides
- Choice of widths
- Launderable / autoclavable
- Available irradiated

PilloMop™

- Attaches to the QDPH-1 Adapter with polyester hook and loop strips
- Standard size head is 9" x 5" with custom sizes available
- Head moves easily up and down and from side to side
- Ideal for reaching awkward corners and angles for cleaning shelving and narrow chambers

Part No.	Description
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PilloMop™	
QDPH-1	PilloMop Adapter
PM-6	PilloMop NovaPoly
PM-648	PilloMop NovaPoly 4" x 8"
PMC-648	PilloMop NovaPoly Slip Cover
Available in additional fabrics	



In super stringent applications it's important to distinguish between mops used for different surfaces.

Micronova has a selection of string and flat head mops (see pages 2 through 5) in various sizes so that operators can guard against cross-contamination while cleaning.

Part No.	Description
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SlimLine™ Mop	
QDSL-9, 14 & 18	Stainless Steel SlimLine Mop Adapter 9", 14" or 18"
QPSL-9, 14 & 18	Plastic SlimLine Adapter 9", 14" or 18"
SLSC6-9, 14 & 18	NovaPoly Cover 9", 14" or 18"
SLSC6-9IR, 14IR & 18IR	NovaPoly Cover 9", 14" or 18" Irradiated
SLSC6AA-9, 14 & 18	NovaPoly/MicroFiber Cover 9", 14" or 18"

PadMop™	
SLP6-9, 14 & 18	NovaPoly PadMop 9", 14" or 18"
SLP6-9IR, 14IR & 18IR	NovaPoly PadMop 9", 14" or 18" Irradiated

M-Zone SnapMop™	
MZSM56-9, 14 & 18	NovaPoly Cover 9", 14" & 18"
MZSM56-9IR, 14IR & 18IR	Irradiated NovaPoly Cover 9", 14" & 18"
MZSM6AA-9, 14 & 18	MicroFiber Cover 9", 14" & 18"
MZSM6AA-9IR, 14IR & 18IR	Irradiated MicroFiber Cover 9", 14" & 18"
MZSM620-9, 14 & 18	MegaTex Cover 9", 14" & 18"
MZSM620-9IR, 14IR & 18IR	Irradiated MegaTex Cover 9", 14" & 18"
MZSM11-9, 14 & 18	PolySorb Cover 9", 14" & 18"
MZSM11-9IR, 14IR & 18IR	Irradiated PolySorb Cover 9", 14" & 18"

PocketMop™	
QPSL-14, 18	Plastic Adapter 14, 18"
STAH-60WH	Plastic Handle 60"
PKM6-14, 18	Polyester PocketMop 14, 18"
PKM11-14, 18	PolySorb PocketMop 14, 18"
PKM20-14, 18	MegaTex PocketMop 14, 18"
PKMAA-14, 18	Microfiber PocketMop 14, 18"

Other Gamma Irradiated Mops (not shown):

- NovaPoly
- NovaLite
- MegaTex
- MicroFiber Mops

When ordering, add the letters IR after the Part Number.

Foam Free Mop Options Available - See Page 28.

Mop Head and Mop Cover Materials



PolyGen
100% Polyester
Herringbone Weave provides greater wicking. Can be used with strong disinfectants. Autoclavable.



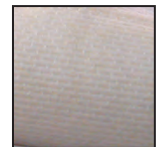
NovaPoly
100% Polyester. Can be used with strong disinfectants. Autoclavable.



PolySorb
100% Polyester with a waffle weave for increased absorbency. Can be used with strong disinfectants. Autoclavable.



MicroFiber
80% Polyester
20% Polyamide.
400% absorbency. Can be used with strong disinfectants. Autoclavable.



MegaTex
Non-woven Polyamide textured thermo bonded surface. Can be used with strong disinfectants. Autoclavable.

Special Tools & Accessories

Isolator Tool™

- For Isolators, Containment and Bio-Hoods in Cleanroom and Buffer Areas
- Low Profile Design
- Angled head for easy application of disinfectant or detergent
- Modular and extendable handles for small pass thrus and extended “reach”
- Launderable/Autoclavable Slipcovers
- Slipcovers Available Irradiated



Part No.	Description
QDIT-09	9" Stainless Steel Isolator Tool
QPIT-09	9" Plastic Isolator Tool
STAH-12WH	12" Plastic Handle
ITC11-9NS	PolySorb Cover, Envelope style (no elastic or snaps)
ITC620-9	Polyester/MegaTex Cover
ITC6-9	Polyester Cover
ITCAA-9	Blue Microfiber Cover
ITCAW-9	White Microfiber Cover

Available irradiated – add IR to end of part number. Covers available with foam interior for increased absorbency.



MegaSwat™ Adapter

For applications cleaning around heavy process equipment or calibrated apparatus. Features a flexible polyethylene interior with a choice of slip covers.

Part No.	Description
QDMS-16	MegaSwat Adapter 2.5" x 16" Blade
MS1-16NS	MegaSwat Cover – PVA
MS2-16NS	MegaSwat Cover – NovaLite
MS6-16NS	MegaSwat Cover – NovaPoly
MCAA-16NS	MegaSwat Cover – Microfiber
QDMS-8	MegaSwat Adapter 3" x 8" Blade
MS6-8	MegaSwat Cover – NovaPoly
MCAA-8	MegaSwat Cover – Microfiber

*Custom sizes available
Polyester covers available irradiated, add IR to end of part number when ordering.*



Curtain Cleaner™

A simple, effective design to clean cleanroom curtains and softwall enclosures. The cleaning head clamps the curtain at the top and then slides down to apply or squeegee the cleaning agent on both sides of the curtain. The Curtain Cleaner measures 12" and has a selection of different slipcovers for cleaning in cleanroom support, critical and sterile environments.

Part No.	Description
CCH-24	Curtain Cleaner (24" length)
CCH-48	Curtain Cleaner (48" length)
CCSC-1	PVA Slipcover
CCSC-2	NovaLite Slipcover
CCSC-6	NovaPoly Slipcover
CCSC-6IR	NovaPoly Slipcover Irradiated
CCSC-68	PolyMesh Slipcover
CCSC-20	MegaTex Slipcover
CCSC-AA	MicroFiber Slipcover



NovaSqueegee™ Adapter

Squeegee adapter for cleaning walls, windows and screens. Sold with a standard rubber blade, PVA replacement blade optional. 12", 18" and 22" widths available. NovaSqueegee adapter attaches to the SSU series of handles. Autoclavable.

Part No.	Description
QDNS-12, 18, & 22	NovaSqueegee Adapter 12", 18" & 22" Blade
NS-12, 18, & 22	12", 18" & 22" PVA Blade
RS-12, 18, & 22	12", 18" & 22" Rubber Blade



MegaTip™ Swab

A substantial cleaning “swab,” the MegaTip is a 4" x 1.5" probe which, when used with the Univesal Handle, will easily reach to clean lighting recesses, corners and angles between walls and ceilings and other areas where a mop or wiping area is not ideal.

Custom sizes available.

Part No.	Description
QDMT-1	MegaTip Adapter, 9" long
MT-1	MegaTip Cover - PVA
MT-2	MegaTip Cover - NovaLite
MT-6	MegaTip Cover - NovaPoly
MT-6IR	MegaTip Cover - NovaPoly Irradiated



FlexBrush Adapter

12" bendable brush with polyester or microfiber cover. Use with extendable handle or stand alone for cleaning overhead pipes, coving and deep tanks. Acme threaded end. Covers are autoclavable.

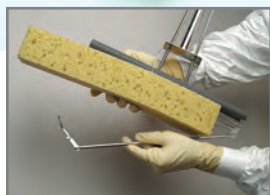
Part No.	Description
FB-12	FlexBrush Adapter Zinc/Polypropylene
BRWM-22512J	FlexBrush Adapter Stainless Steel
FBC-611	NovaPoly Cover
FBC-611IR	NovaPoly Cover Irradiated
FBC-AA	Microfiber Cover

Self Wringing & Squeegee Style



PowerHead™

The **PowerHead** family offers a variety of different mop heads for use with our self wringing electropolished stainless steel handle. Disposable mop heads come in different types and densities of foam and with the option of polyester covers.

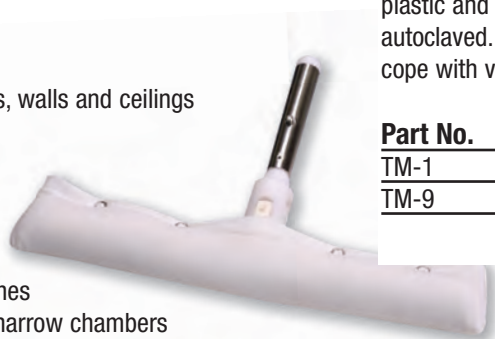


Available in 10" and 14" widths, the entire unit is autoclavable and features a quick disconnect fitting allowing it to be used with the standard or extendible range of Universal Handles.

Part No.	Description	Units/Pack
QDPHH-10 & 14	PowerHead 10" & 14"	1
SSU-6	25" Universal Handle	1
PHU-120 & 124	Absorbent Foam 10" & 14"	1
PHU-150 & 154	Wide Pore Foam 10" & 14"	1
PH6-150 & 154	NovaPoly Covered Foam 10" & 14"	1

T-Mop™

- Low profile mop for cleaning floors, walls and ceilings
- Rotates 180°
- Wide surface is ideal for general cleaning and applying disinfectants in sterile environments
- Cleans under equipment and reaches awkward angles on shelving and narrow chambers
- Available in three sizes with a choice of slipcovers
- Available irradiated



Part No.	Description
QDT-10, 14 & 18	T-Mop Adapter 10", 14" or 18"
QDST-10, 14 & 18	Square T-Mop Adapter 10", 14" or 18"
T1-10, 14 & 18	T-Mop Cover PVA 10", 14" or 18"
T2-10, 14 & 18	T-Mop Cover NovaLite 10", 14" or 18"
T6-10, 14 & 18	T-Mop Cover NovaPoly 10", 14" or 18"
T6-10IR, 14IR & 18IR	T-Mop Cover NovaPoly 10", 14" or 18" Irradiated
T612-10, 14, & 18	NovaPoly Cover, Thick Foam 10", 14" or 18"
T2012-10, 14, & 18	MegaTex Cover, Thick Foam 10", 14" or 18"
TAA-10, 14, & 18	MicroFiber Cover 10", 14" or 18"

Why is the PowerHead Handle only 28 inches? Why do I have to buy a separate handle?

The PowerHead was designed to clean walls and floors. Reaching a 12 foot wall or high ceiling with the standard mop handle is difficult. To solve this, we made it possible for the self-wringing PowerHead to fit any of the SSU- series handles. This way the operator can customize the handle length to fit the need. For a standard length for floors, add the SSU-6 handle.

Twist Mop

An economical mop system which cuts back on cleaning time and unnecessary hardware by incorporating a simple self-wringing action in the TH-1 handle. The handle is constructed of aluminum and plastic and can be autoclaved. The mop head is available in two different fabrics to cope with varying cleanroom protocols.



Part No.	Description	Units/Pack
TM-1	Twist Mop PVA	1
TM-9	Twist Mop PolyGen	1

EconoMop™

- Designed for easy application of disinfectant
- Economical Design
- Multiple Cleaning Surfaces



Part No.	Description
QDECM-14CP	EconoMop Adapter 14"
ECM12-2314	EconoMop Foam 14"
ECSC7-14	PolyTex SlipCover

Hardware & Accessories

Universal Handles and Micronova's Quick Disconnect System

Micronova's mopping systems are designed to be interchangeable. The core of each of our mop systems is the Electropolished Stainless Steel Handle. Available in a variety of fixed and extendible lengths the handle connects easily to the various mop frames and adapters by means of a quick disconnect.

What do I need to complete a mop system?

- SSU- series handle
- QD series mop frame/adapter
- The corresponding mop or slipcover in your selected fabric

Universal Handle

The core of the hardware system is the Universal Handle. The electropolished stainless steel handles have Delrin® components giving strong all-around connections and hard-wearing properties. The handle is available in extendible or single-length models. The entire unit can be autoclaved.

Part No.	Description
SSU-1	Extendible Handle 38"-72" Long
SSU-3	Extendible Handle 62"-120" Long
SSU-8	Extendible Handle 14"-23" Long
SSU-1836	Extendible Handle 18"-36" Long
SSU-2	8" Handle
SSU-4	61" Handle
SSU-5	37" Handle
SSU-6	25" Handle
SSU-7	51" Handle
SSU-9	12" Handle

Plastic Handles

- Lightweight & Economical
- Excellent chemical resistance
- Autoclavable
- ACME threaded ends connect directly to QP series adapters
- Handles available from 12" up to 237"

Part No.	Description
STAH-12WH	12" Handle
STAH-24WH	24" Handle
STAH-36WH	36" Handle
STAH-48WH	48" Handle
STAH-60WH	60" Handle
STAEH-072WH	40-72" Extendible Handle
STAEH-101WH	40-101" Extendible Handle
STAEH-183WH	68-183" Extendible Handle
STAEH-237BL	68-237" Extendible Handle



ACME Thread Adapter

The adaptability of the Universal Handle can be increased by adding one of two adapters, available in "female" or "male" units. Made with stainless steel and Delrin®, the ACME Thread Adapter is threaded to allow the operator to add other janitorial heads or handles to the Universal System.

When used with the "T" Mop or MegaTip, the ACME Adapter can be combined to create a viable cleaning system for isolators and similar enclosed "hoods."

Part No.	Description
SSA-2	"Female" ACME Thread Adapter
SSA-3	"Male" ACME Thread Adapter

Which ACME Thread Adapter do I use?

To use a Micronova Mop Adapter (QD Series) with an ACME Threaded Handle (STA-series) select the SSA-2

To use a standard head such as a female threaded broom, squeegee or janitorial style mop frame with your Micronova Universal Handle (SSU-series), use the SSA-3



MicroMop® Handle

An economical, fiberglass and polypropylene handle for use with Micronova's string mops.

Part No.	Description
MH-1	64" MicroMop Handle



Over Under Accordion Handle

An electropolished stainless steel collapsible handle designed to deal with the unique space limitations in isolators and containment hoods.

Available in 8", 13" and 19" sizes, each section features a delrin hinge and quick disconnect to allow for attachment of additional sections and ultimately the mop adapter. Autoclavable.

The unique design allows the operator to fit the collapsed handle into the pass thru and once inside the isolator provides the extended reach necessary to cover all surfaces.

Outside of the Isolator:

When connected to a standard handle, the Accordion Handle allows the operator to angle the mop head to effectively and comfortably clean 'over and under' obstacles in a cleanroom or controlled environment.

Part No.	Description
QDAH-08	8" Accordion Handle
QDAH-13	13" Accordion Handle
QDAH-19	19" Accordion Handle

Buckets & Wringers

Longevity and ease of replacement are factors which affect each controlled environment to a different degree.

In addition to its own designs in hardware, Micronova offers a selection of buckets and wringers to complement their standard cleaning systems.

See Pages 10 and 11 for More Buckets and Wringers



Part No. Description

B-1	Yellow Plastic Bucket with 3" casters, opening size: 12.5" x 19", capacity: 44 quarts
W-1	Yellow Plastic Wringer (use with B-1), 24 to 36 oz. capacity
B-2	Yellow Plastic Bucket with 2" casters, opening size: 13" x 17", capacity: 35 quarts
W-2	Yellow Plastic Wringer (use with B-2), 16 to 32 oz. capacity
B-3	Circular Stainless Steel Bucket with 2" casters, opening diameter: 13.75", capacity: 32 quarts
B-3A	Circular Stainless Steel Bucket with 3" casters, opening diameter: 13.75", capacity: 32 quarts. Autoclavable
B-11A	Circular Stainless Steel Bucket with 3" casters, opening diameter: 16", capacity: 44 quarts. Autoclavable
W-6	Stainless Steel Downward Press Wringer (use with B-3), 16-32 oz. capacity. Autoclavable

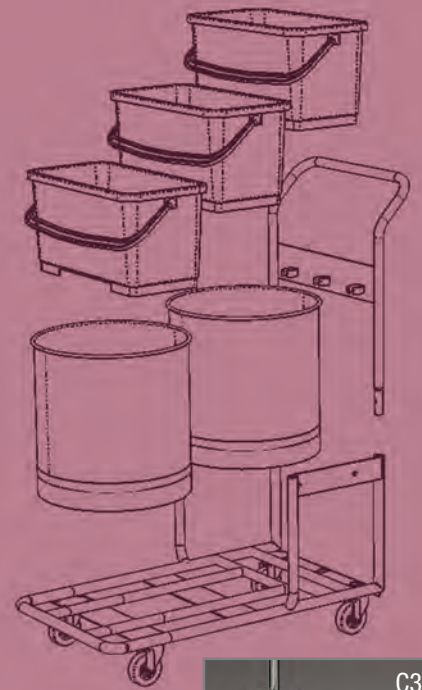
Multi-Bucket Cart Options

Working directly with facility managers and cleanroom operators, Micronova has developed a series of custom carts to match the specific requirements for your controlled environment.

The base of each cart system is an Electropolished Stainless Steel frame with smooth rolling, autoclavable casters, and a sturdy handle featuring three 'grip its' for transporting handles and additional mopheads.

Options include:

- The Hang-On Basket (C3A-02) for transporting additional cleaning supplies.
- The Downpress Wringer Bar (C3A-03) which allows use of a standard downward press wringer with carts configured with rectangular polypropylene buckets.
- Two and Three Bucket variations are offered along with Electropolished Stainless Steel, or Autoclavable Polypropylene buckets.
- Wringer assemblies are sold separately so that you can further customize the cart to your exact mopping system.



Part No.	Description
C-22S	Stainless Steel Double Bucket Cart includes Blue and Yellow Polypropylene Buckets. 6 gallon capacity per bucket.
C-33S	Stainless Steel Triple Bucket Cart includes Blue, Yellow and Red Polypropylene Buckets. 6 gallon capacity per bucket (shown with blue buckets).
C-225	Stainless Steel Double Bucket Cart with Two 5-gallon Electropolished Stainless Steel Buckets.
C-22PTBB	Stainless Steel Double Bucket Cart with one 8-gallon and one 11-gallon Electropolished Stainless Steel Buckets.
C-22PTBD	Stainless Steel Double Bucket Cart with two 11-gallon Electropolished Stainless Steel Buckets (shown).
C3A-02	Hang-On Basket (shown).
C3A-03	Downpress Wringer Bar for use with C-22S or C-33S carts.
W-10	MegaWringer for use with C-22S or C-33S carts (shown).
B-7DB	Replacement 6 gallon Polypropylene Bucket, Dark Blue, Autoclavable (shown).
B-7RE	Replacement 6 gallon Polypropylene Bucket, Red, Autoclavable.
B-7YE	Replacement 6 gallon Polypropylene Bucket, Yellow, Autoclavable (shown).
BKL7-3119IR	Gamma Irradiated Bucket Liners for B-7 bucket series.
B-7DBAC	Dark Blue Polypropylene Bucket w/Casters
B-7DGAC	Dark Green Polypropylene Bucket w/Casters
B-7REAC	Red Polypropylene Bucket w/Casters
B-7YEAC	Yellow Polypropylene Bucket w/Casters

Electropolished Stainless Steel

Guards against corrosion – whether using strong disinfectants or ultra-pure water

The Slim "T" System



(Shown with optional W-92 Slim "T" Wringer)

Slim "T"™ Double Bucket Cart

This simple and effective double bucket system is comprised of an electropolished stainless steel frame that easily transports two six gallon buckets. Excellent maneuverability is achieved with the 360° rotation of the caster wheels.

Each bucket measures 19-1/4" x 9-1/2" x 9-1/2" making the system suitable for use with a variety of mop heads. The entire unit is autoclavable.

Part No. Description

C-7WH	Autoclavable System
C-7	Standard System

C-91, 92, 93 Stainless Cart Series

- Electropolished Stainless Steel
- Available in single, double, and triple bucket configurations
- Excellent maneuverability with the 360° rotation of the Prevenz™ Antimicrobial wheels
- Molded stainless steel buckets feature smooth interiors with no ridges or seams to harbor bacteria
- Compatible with MegaWringer and Slim-T Wringer

Part No. Description

C-91	Single Bucket Cart
C-92	Double Bucket Cart
C-93	Triple Bucket Cart
B-99	8 Gallon Replacement Bucket
BKL99-3521IR	Sterile BucketLiner
W-9	Slim-T Wringer
W-10	MegaWringer



W-98



W-9B



W-9

("T" Mop not included)

Slim "T"™ Wringer

Designed to wring the SlimLine and "T" Mop series as well as other flat pad mops. The Slim "T" Wringer's simple design allows the operator to wring out excess fluid leaving the mop damp enough to effectively saturate the surface being cleaned. Crafted from electropolished stainless steel for durability and long life. Autoclavable. Patent Pending.

Part No. Description

W-92	Slim "T" Wringer fits C-7 Cart or B-7 Series Bucket
W-95	Slim "T" Wringer fits B-11 Round Bucket
W-98	Slim "T" Wringer fits B-3 Round Bucket
W-9	Slim "T" Wringer for "T" Mop or Squeegee Style Mops or applications requiring higher saturation. Fits C-7 Cart or B-7 Series Bucket
W-9B	BoxWringer for String Mops. Fits B-7 Series Bucket.

The higher the classification often means the smaller the manufacturing area

The compact design of the **C7 Slim "T" Double Bucket Cart (shown above)** allows for double bucket disinfecting with ease and maneuverability in tight spaces.

Note: Micronova's Detergents & Cleaners are not disinfectants. Formulated for the Semiconductor/Electronics industries, their fine filtration and purity lend themselves to applications in the Pharmaceutical and Biotech industries as detergents in 'neutral cleans' when a kill rate is not required.



NovaClean™ Floor Cleaner



Cleanroom Detergent for Floors, Walls and Ceilings

NovaClean Floor Cleaner is an all-purpose cleanroom cleaner which is filtered down to 0.1 microns. At the suggested dilution, the formulation can claim sodium and potassium levels detectable only in parts per billion. The low-ionic formulation will not generate a static charge. With little or no residue build-up, the cleaner will not affect the efficiency of conductive flooring.

Easy and economical to use, NovaClean Floor Cleaner is a concentrate which will yield 60 to 128 gallons of cleaner per gallon container.

- Filtered to 0.1 Microns
- Low Sodium
- Bio-Degradable
- Free Rinsing

Part No.	Description
NC1-G	Gallon
NC1-5G	5 Gallon

NovaClean AFX Amine Free Formula Part No. NC10-G

I'm cleaning with DI Water or IPA – why should I use NovaClean?

Studies show that adding a small amount of surfactant to the cleaning process will break surface tension and remove more particles. NovaClean Floor Clean has a slight surfactant base and, with its extremely fine filtration, the assurance that you are not bringing more into the cleanroom than you are taking out.

NovaHol™ Cleanroom Cleaner



High Evaporation Rate for Quick Drying

This ready-to-use formulation offers the same fine filtration and low-ionic levels of NovaClean with the addition of isopropyl alcohol to speed drying time. With its extremely high evaporation rate, NovaHol is ideal for cleaning glass, acrylic, vinyl curtains and stainless steel surfaces.

NovaHol is available in an easy-to-use quart size spray bottle and can be applied directly to the surface being cleaned. Gallon refill bottles are also available.

- Filtered to 0.1 Microns
- Low Sodium
- Ready-To-Use
- Fast Drying

Part No.	Description
NH1-Q	Quart
NH1-G	Gallon





NovaClean™ Lab & Glass Cleaner

Cleanroom Detergent for Work Stations and Glass

A ready-to-use formulation which mirrors the fine filtration and low ionic properties of the NovaClean Floor Cleaner. NovaClean Lab & Glass Cleaner offers a viable non-solvent option for cleaning acrylic, stainless steel and painted surfaces.

NovaClean Lab & Glass Cleaner is available in an easy-to-use quart size spray bottle and can be applied directly to the surface being cleaned. Gallon refill bottles are also available.

- Filtered to 0.1 Microns
- Low Sodium
- Bio-Degradable
- Ready-To-Use

Part No.	Description
NC2-Q	Quart
NC2-G	Gallon

MegaClean™ Heavy-Duty Cleaner

The Safer Alternative to Toxic and Flammable Solvents

MegaClean Heavy-Duty Cleaner is a solution which offers an effective alternative to toxic and flammable solvent-based cleaners, such as acetone and isopropyl alcohol.

The non-flammable, bio-degradable formulation is an ideal spot cleaning solution and easily removes grease, adhesives and photo-resist stains from most surfaces. Filtered to 0.1 microns, it is geared to semiconductor, electronics and aerospace operations where regulations on ozone-depleting compounds have led engineers to look for effective replacements.

- Filtered to 0.1 Microns
- Non-Flammable
- Bio-Degradable
- Water Soluble
- Effective at Low Concentrations

Part No.	Description
MC1-Q	Quart
MC1-G	Gallon
MC1-5G	5 Gallon
MC1-55G	55 Gallon
MC1-C20	Pre-Saturated Wipes, 20 Count Canister



MegaClean pre-saturated heavy-duty polypropylene wipes measure 10" x 10", contained in a resealable pop-top canister



NovaHol™ Pre-Saturated Wipes

This melt-blown polypropylene wipe is saturated with the NovaHol blend of low ionic cleaner and IPA. Ideal for cleaning stainless steel fixtures, soft walls, curtains and cabinets. NovaHol works well on both glass and plexiglass exteriors – such as isolators and containment cabinets and will clean softwalls and cleanroom curtains. Limited alcohol content is proven to lower bio-burden on surfaces.

Part No.	Description
NH1-C25	25 Count





Econo CurtainCleaner™

- Simple and efficient method for cleaning strip curtains
- Cleans both sides in one pass
- Covers are Launderable and Autoclavable
- Attaches to SSU series handles.

Part No.	Description
QDECC-14	Econo CurtainCleaner Adapter
SSU-1	38-72" Universal Handle
ECC6-14	Polyester Cover
ECC11-14	PolySorb Cover
ECCAA-14	Microfiber Cover

Covers available irradiated – add IR to end of part number.



Tank Tool

- For cleaning tanks and cylinders
- Curved design provides better surface contact
- Covers available in a variety of fabrics

Part No.	Description
QDSLTT-14P	Tank Tool Adapter
QDSLRTT-14P	Reverse Tank Tool Adapter
MZSM6AA-14	Microfiber Cover



Additional variations available

M-Zone MittWipes™

- Easily clean around carts, shelving, tanks, tubing and other hard to clean areas
- Added protection in cleanroom maintenance, LAR applications
- Secure cleaning for hard to reach areas
- 100% Polyester for standard use
- MegaTex fabric for heavily soiled or rough surfaces

Part No.	Description
MW-611	MittWipes Polyester w/foam interior
MW-2011	MittWipes MegaTex w/foam interior



FlexBrush™ Adapter

- Clean overhead pipes, coving and deep tanks
- Bendable brush with polyester or microfiber cover
- Acme threaded end attaches to a variety of handles for extended reach

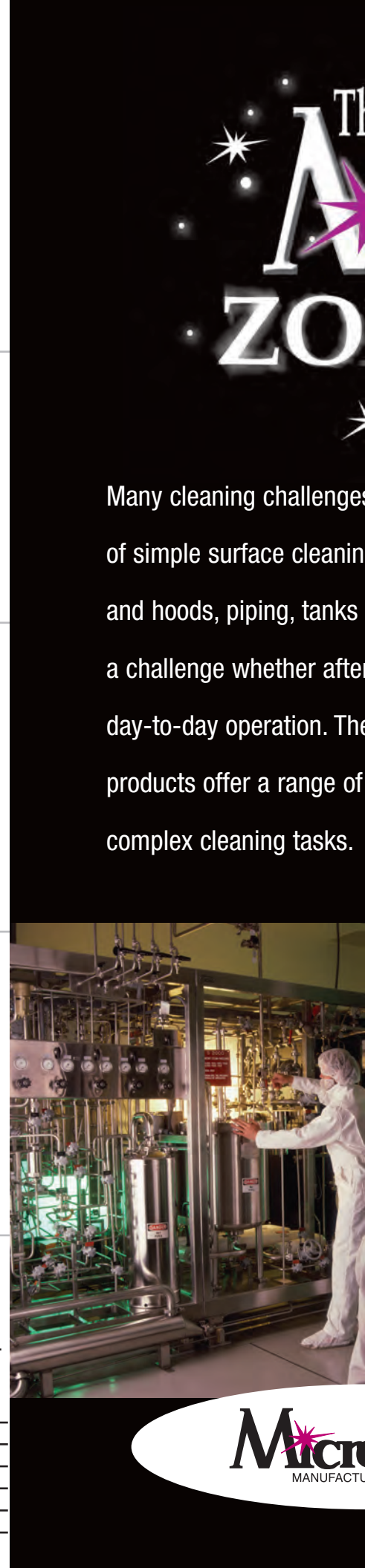
Part No.	Description
FB-12	12" Long FlexBrush Adapter
FBC-611	FlexBrush NovaPoly Cover
FBC-AA	FlexBrush Microfiber Cover



Inspection Mirror

- Highly polished stainless steel mirror for inspecting hard to reach areas.
- Swivel connection attaches to any SSU series handle allowing the operator to run the unit behind equipment and fixtures to ensure all surfaces have been properly cleaned.
- Optional flashlight for use in tanks and other low light applications.

Part No.	Description
QDIST-66P	6 x 6" Inspection Mirror
SSU-1	38-72" Universal Handle
FLASH-01	LED Flashlight
FLASHH-01	Flashlight Holder (Clamp, attaches to QDIST-66P)
ISTSC11-66	Protective Storage Cover



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Many cleaning challenges of simple surface cleaning and hoods, piping, tanks a challenge whether after day-to-day operation. The products offer a range of complex cleaning tasks.



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g. Isolators, safety cabinets

and chambers all pose

r shut down or during

e Micronova M-Zone™

tools to match these



onova®
 URING INC.

LabMarkers™

- Alcohol resistant ink marks on cold or wet surfaces
- Permanent on most surfaces
- Fine Tip Black Ink
- Fast Drying
- Available Gamma Irradiated

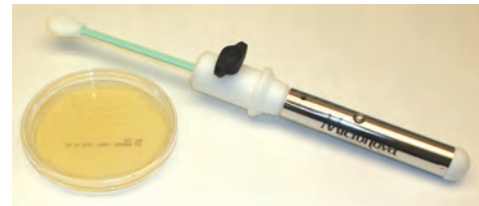
Part No.	Description
PEN-40	LabMarker
PEN-40IR	LabMarker Irradiated



SwabHolder™

- Securely holds environmental monitoring swabs.
- Attaches to SSU series of handles for extended reach when monitoring in hard to access areas.

Part No.	Description
QDSWT-01	SwabHolder Tool
SSU-1	38-72" Universal Handle



Autoclave Indicator Tape

- Lead Free, RoHS Compliant
- Wound on plastic core
- Green indicator lines change to black when proper levels of steam pressure & temperature are achieved

Part No.	Description
AUTOPC-1	1" x 60 Yards Autoclave Indicator Tape
<i>Additional sizes available</i>	

SilSat™ Wipes

- Lubricates fill lines, gaskets and seals in isolators, refrigerators and cabinets in aseptic processing and support areas
- Polyester wipe impregnated with a blend of medical grade silicone and IPA
- Eliminates the use of messy spray lubricants in controlled areas
- Gamma Irradiated

Part No.	Description
SSW6-01IR	8 Count Pack SilSat Wipes



Stainless Steel Cleaner

- No drip gel formula
- Phosphorus free, biodegradable
- Non atomized, will not impact air quality
- No VOCs
- NSF A7

Part No.	Description
SC1-P	Stainless Steel Cleaner



Since their launch in 2006, our Bin and BucketLiner series have grown. Additional sizes and put ups are now available in sterile and non-irradiated versions.



BucketLiners™

- LDPE/Nylon blend bags create impermeable barrier between strong disinfectant solutions and buckets. Ensures the integrity of disinfectant blend.
- Available sterile and non-irradiated.

Part No.	Description
BKL1-1818	18x18", Fits 1 Gal. Bucket, 50 per Dbl. Bag, Cs/150
BKL1-1818IR	18x18", Each Double Bagged, Irradiated Cs/50
BKL-2424IR	24x24", Each Double Bagged, Irradiated Cs/24
BKL-2430IR	24x30", Each Double Bagged, Irradiated Cs/24
BKL3-2331	23x31", Fits B-3 Bucket, 50 per Dbl. Bag, Cs/150
BKL3-2331IR	23x31", Fits B-3 Bucket, Each Double Bagged, Irradiated Cs/24
BKL7-3119	31x19", Fits B-7 Bucket, 50 per Dbl. Bag, Cs/200
BKL7-3119IR	31x19", Fits B-7 Bucket, Each Double Bagged, Irradiated Cs/24
BKL99-3521IR	35x21", Fits B-99 Bucket, Each Double Bagged, Irradiated Cs/24



BinLiners™

- LDPE liner for use in clean and controlled environments.
- Uses include transport of product and waste disposal.
- Available sterile and non-irradiated.

Part No.	Description
BL1-40TRIR	23x17x48"x1 mil, Ea. Bagged, 5 per Dbl. Bag, Irradiated Cs/100
BL2-40TRB	40x48"x2 mil, Ea. Bagged, 5 per Dbl. Bag, Cs/50
BL2-40TRIR	40x48"x2 mil, Each Double Bagged, Irradiated Cs/50
BL2-40TRIRB	40x48"x2 mil, Ea. Bagged, 5 per Dbl. Bag, Irradiated Cs/50
BL4-4060IRBB	40x60"x4 mil, 5 per Dbl. Bag, Irradiated Cs/50
BL4-40TRIR	40x48"x4 mil, Each Double Bagged, Irradiated Cs/50
BL4-40TRIRB	40x48"x4 mil, Ea. Bagged, 5 per Dbl. Bag, Irradiated Cs/50
BL4-40TRIRBB	40x48"x4 mil, 5 per Dbl. Bag, Irradiated Cs/50

MicroDispenser™

A compact, gravity-fed, touch free dispensing unit with no tubes or pump assembly.

The M-Zone MicroDispenser™ effectively reduces the risk of cross-contamination and waste in the cleanroom and supporting areas. The dispenser delivers a consistent, pre-measured dose of soap, sanitizer or lotion into the palm of the hand cleanly, safely and economically.

The unit is activated by an electronic eye, dispensing a predetermined amount of liquid when the infrared beam is interrupted by a hand or wipe. The unit operates on four "AA" size batteries.

Part No. ICDISP-3



NovaClenz™ Instant Hand Sanitizer



- Highly effective and fast-acting
- Requires no sink, water or towels
- 60% ethyl alcohol helps to prevent bacterial transfer, including: pseudomonas, salmonella and staphylococcus
- Effective in reducing nosocomial infections
- Fortified with emollients to moisturize hands

Part No. IC-210

AquaHol™ 70% / 30% Isopropyl Alcohol Solution



- 70% IPA in 30% WFI
- For use with the MicroDispenser™
- Terminally filtered to 0.1 microns
- Gamma irradiated
- Double bagged
- Certificate of sterility
- 500ml size



LoNa Soap™ Low Sodium Hand & Glove Cleanser



- Low sodium hand and glove cleanser
- Low sudsing
- Extremely low ion counts – less than 100 ppb sodium
- pH balanced
- 500ml size

Part No. IC-120

Hy-G-Clenz™ Anti-bacterial Soap



- 0.13% Benzalkonium Chloride anti-bacterial hand soap
- Effective against a wide range of both gram positive and gram negative bacteria
- Contains natural moisturizers, ideal for frequent hand washing
- pH balanced
- Meets OSHA standards
- 500ml size

Part No. IC-420



NovaDyne™ General Purpose Soap



- General purpose hand soap
- Gentle effective cleaning
- pH balanced
- Built in moisturizers/ skin emollients
- 500ml size

Part No. IC-110



Cleanroom Tapes

Ordering Tape in Three Easy Steps

Micronova stocks over 300 different types, colors and widths of cleanroom tape to ensure we meet your specific needs.

Follow the three steps shown in the example below and use the codes shown on the right when placing your order.

Still have questions? Just give us a call!

Example: **CR100PC-1WH**

Type of Tape (CR100PC)	Width of Tape (1")	Color of Tape (White)
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Metric Conversion Chart for Tape Sizes

Fractional Size	Decimal Size	Metric Size
3/8"	.375	9.525 mm
1/2"	.50"	12.70 mm
3/4"	.75"	19.05 mm
1"	1.0"	25.40 mm
1-1/2"	1.50"	38.10 mm
2"	2.0"	50.80 mm
3"	3.0"	76.20 mm
4"	4.0"	101.60 mm
36 yards		32.9184 Meters

Vinyl Tape Ordering Codes

All Vinyl Tapes are available in these widths and colors:

Vinyl Tape Width Codes

3/8"	= 38
1/2"	= 12
3/4"	= 34
1"	= 1
1-1/2"	= 15
2"	= 2
3"	= 3
4"	= 4

Custom sizes available upon request.

Vinyl Tape Color Codes

● Black	= BL
● Brown	= BR
● Red	= RE
● Orange	= OR
● Yellow	= YE
□ White	= WH
● Purple	= PU
● Dark Blue	= DB
● Light Blue	= LB
● Dark Green	= DG
● Light Green	= LG
○ Transparent	= TR

Polyethylene Tape Ordering Codes

All Polyethylene Tapes are available in these widths and colors:

Polyethylene Tape Width Codes

3/4"	= 34
1"	= 1
1-1/2"	= 15
2"	= 2
3"	= 3
4"	= 4

Custom sizes available upon request.

Polyethylene Tape Color Codes

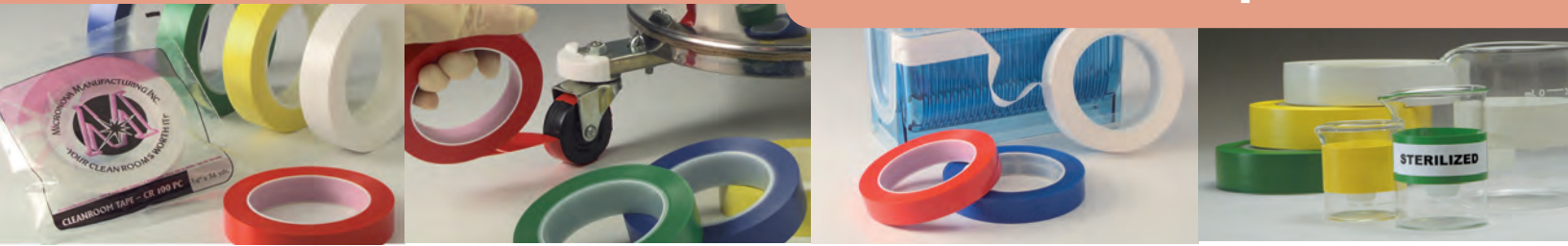
● Black	= BL
● Red	= RE
● Orange	= OR
● Yellow	= YE
□ White	= WH
● Dark Blue	= DB
● Dark Green	= DG
○ Transparent	= TR

Look for the "F" Symbol for Food Processing Applications



Micronova's **PCX** and **EGP** series polyethylene tapes comply with FDA approval for indirect food contact. These tapes can be used for packaging, sealing and coding and conform to the following specs and standards:

U.S. Code of Federal Regulations, Title 21, Part 175 – Indirect Food Additives:
 Adhesives and Components of Coating
 SubPart B, Section 175.105 Adhesives
 SubPart C, Section 175.300 Resinous & Polymeric Coatings



Vinyl Tapes

EGV™ Industrial Grade Vinyl Tape

A vinyl tape for cleanroom support applications. Processed in a controlled environment, tapes are wound on a plastic core and sleeve bagged. Complies with Federal Specification PPP-T-66E and CID A-A 1689A.

(Example Part Number - 1" White Tape: EGV-1WH)

- Light industrial use
- Clean construction
- Cleanroom support
- Forms strong bond without leaving adhesive residue
- Can be written on with cleanroom pen
- Available in nine colors, plus black, white and transparent
- Available in a variety of widths
- Roll Length: 36 Yards

CR100PC™ Vinyl Tape

The CR100PC Cleanroom Tape is a vinyl tape specially processed for applications in and around the cleanroom. The synthetic rubber adhesive ensures a clean peel from most cleanroom surfaces such as polyethylene, plastics and stainless steel. CR100PC is processed and packaged in a cleanroom. Complies with Federal Specification PPP-T-66E and CID A-A 1689A.

(Example Part Number - 1" White Tape: CR100PC-1WH)

- Conformable – ideal for sealing curved and irregular surfaces
- Matte finish can be written on with cleanroom pen
- Aisle marking
- Labeling
- Clean packaging
- Color coding
- Available in nine colors, plus black, white and transparent
- Available in a variety of widths
- Roll Length: 36 Yards

Polyethylene Tapes

EGP™ Industrial Grade Polyethylene Tape **F**

A polyethylene tape for applications where ultra-clean tape is not required. The polyethylene backing with acrylic adhesive has low outgassing and good clean-peel properties. Processed in a controlled environment, EGP tapes are wound on a plastic core and sleeve bagged.

(Example Part Number - 1" White Tape: EGP-1WH)

- Cleanroom Support Areas
- Maintenance
- Clean Build Projects
- Available in eight vibrant colors
- Available in a variety of widths
- Roll Length: 36 Yards

PCX™ Polyethylene Tape **F**

The PCX tape is a low density polyethylene tape low in halogens and leachable chlorides. PCX is processed and packaged in a cleanroom. The polyethylene film and acrylic adhesive lessen the chance of outgassing. PCX offers excellent chemical resistance and good conformability. Works well with polycarbonates, glass and acrylics.

(Example Part Number - 1" White Tape: PCX-1WH)

- Color coding
- Sealing
- Labeling
- Wafer box sealing
- Over labeling (protect paper labels in water baths)
- Available in eight vibrant colors
- Available in a variety of widths
- Roll Length: 36 Yards

Cleanroom Tapes



M-Zone™ CuffStrip™ Tape

A conformable polyethylene tape used to ensure an effective seal between the glove and garment in critical environments. CuffStrips are 18 inches in length and feature a heavy liner for easy separation. Each double-bagged pack contains two strips of tape.

2" Part Number: CST-218WHIR

Also available in super tack version for ERT and first responder kits.
2" Part Number: CSTX-2DBIR

- Seals glove to garment
- Protects worker and product
- Will not damage garment
- Leaves no residue
- Gamma irradiated
- Full lot traceability
- Available in 2" and 3" widths
- CST available in White only, CSTX in Dark Blue only



CR100IR™ Tape Irradiated Cleanroom Tape

CR100IR is an ultra-processed, irradiated vinyl tape which helps to limit particulate and bioburden counts. Processed in a ISO 4 environment, wound on a plastic core and double bagged, the tape comes with full certification of irradiation and lot traceability.

(Example Part Number - 1" White Tape: CR100-1WHIR)

- Critical and aseptic processing applications
- Media preparation
- Batching
- Color-coding
- Packaging
- Available in the same colors and widths as the Vinyl Tapes shown on page 18



EZT™ Construction Tape

EZT Construction Tape is a high tack polyethylene tape with a rubber adhesive. The unique serrated edge allows an easy tear at any length when blades and dispensers are not available.

1" Part Number: EZT-1WH

2" Part Number: EZT-2WH

- Clean construction
- Easily bonds different mediums
- Serrated edge for easy tear
- Aggressive adhesive
- Available in 1" and 2" widths
- Roll Length: 36 Yards
- White only



CSLB™ MicroSeal™ Tape

For cleanroom gowning this conformable polyethylene tape can be used to ensure an effective seal between the glove and garment. Perforations at 3" intervals allow the user to bind and tear at the optimum length to secure the glove. The low outgassing polyethylene film will remove cleanly, leaving no adhesive residue. MicroSeal Tape is wound on a 3" plastic core with no liner, meaning less packaging and waste to discard.

- Available in 2" and 3" widths
- Also available Irradiated
- Available in 18 or 36 Yard lengths
- White only

For plate sealing, bundling and labeling applications the excellent peel/reseal properties combined with the easy tear perforations make MicroSeal Tape the ideal choice. The tape can be written on with fiber tip and permanent markers.

1" x 18 Yard Part Number: CSLB-1WH

1" x 36 Yard Part Number: CSLB-136WH

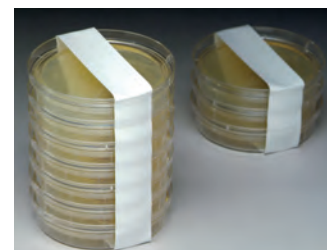
- Available in 1/2", 3/4", and 1" widths
- Also available Irradiated
- Available in 18 or 36 Yard lengths
- White only



Autoclave Indicator Tape

- Lead Free, RoHS Compliant
- Wound on plastic core
- Green indicator lines change to black when proper levels of steam pressure & temperature are achieved

Part No.	Description
AUTOPC-1	1" x 60 Yards Autoclave Indicator Tape
<i>Additional sizes available</i>	





CGT™ Conductive Grid Tape

CGT Conductive Grid Tape is a special polypropylene tape layered with a non-sparking, anti-static surface on the inside and outside of the tape. The conductive grids are embedded between two anti-static layers.

1" Part Number: CGT-1

- ESD sensitive environments
- Static shield
- Sealing
- Packaging
- Prevents static build up
- Available in 3/8", 1/2", 3/4", 1", 1-1/2", 2", and 6" widths
- Roll Length: 36 Yards
- Clear with Grid Pattern



825 Extreme Temperature Polyimide Film Tape

A transparent amber polyimide film with pressure sensitive silicone adhesive. The extreme heat resistant properties (-100°F to 500°F) of this tape make it suitable for high heat and sub zero applications. The silicone adhesive ensures a clean release from most substrates even after being exposed to extreme temperatures.

1" Part Number: 825-1AM

- Flame resistant electrical insulation
- Solder mask for circuit boards
- Heat sealing
- Lamination
- Cold storage
- Lyophilizing
- Freeze drying
- Available in 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/2", 2", 2-1/2" and 3" widths
- Roll Length: 36 Yards
- Amber only



MTP™ MegaTape™

MegaTape is a medium density polyethylene tape with conformability similar to vinyl tapes. Low in halogens and leachable chlorides and backed with an acrylic adhesive, MegaTape is very low in outgassing. Excellent resistance to UV, moisture, acids, alkalis, oils, abrasion and weathering. The high-tack adhesive provides superior sealing abilities but removes cleanly with no adhesive residue. Sleeve bagged and available in a variety of widths.

1" White Part Number: MTP-1WH

- Available in 3/4", 1", and 2" widths
- Roll Length: 36 Yards
- White only



Barrier Tape

- 3 mil Non-Adhesive Polyethylene Film
- Yellow or Red film with bold black print
- Roll text in English and Spanish
- 3" x 1,000' on plastic core

Part No.	Description
BT200-3YE	Yellow CAUTION Tape
BT100-3RE	Red DANGER DO NOT ENTER Tape



SST™ Striped Safety Tape

SST is a striped pressure sensitive tape for delineating and color coding specific equipment and areas. Available in Black/Yellow, Black/White and Red/White. This laminated vinyl tape is scuff resistant and holds up well to solvents, humidity and oil. SST is wound on plastic core and cleanroom processed.

- 2" Black/Yellow: SST18-2BLYE
- 2" Black/White: SST18-2BLWH
- 2" Red/White: SST18-2REWH
- Available in 2" and 3" widths
- Roll Length: 18 Yards



NovaStat™ Anti-Static Tape

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

1" Part Number: ASTPC-172

- ESD sensitive environments
- Sealing
- Packaging
- Will not create a static charge
- Available in 1/2", 3/4", 1" and 2" widths on 3" plastic core
- Roll Length: 72 Yards
- Clear only
- Available 3/4" width x 36 Yards on 1" plastic core
Part Number: ASTPC-3436

Sponges & Wipes

Micronova's range of sponges and wipes has been developed as a disposable or re-usable commodity for applications found within cleanroom and sterile environments. The different configurations of wipes, sponges, mitts and lapping devices are designed with abrasion resistance, low-linting and absorbent features to best suit the application. Custom designs are a specialty.



NovaPoly™ Sponges & Wipes

- 100% Polyester
- Wipes feature inverted hem to guard against trapping or generation of particles through exposed seams
- Sponges offer two ply polyester enclosing urethane foam
- Launderable, Autoclavable
- Resistant to strong disinfectants

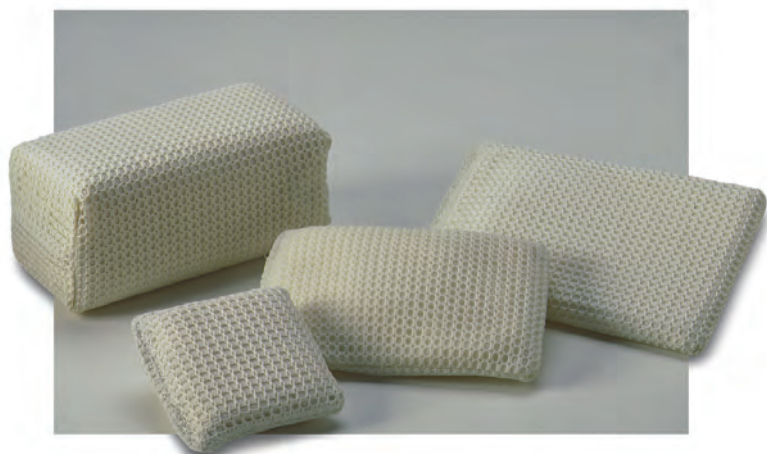
Part No.	Description
SP6-363	3" x 6" x 3" NovaPoly Sponge
SP6-46	4" x 6" NovaPoly Sponge
WP6-99H	9" x 9" NovaPoly Wipe
WP6-99HIR	9" x 9" NovaPoly Wipe - Irradiated
WP6-1818H	18" x 18" NovaPoly Wipe

Additional sizes and custom sizes available. Also available irradiated.

PolySorb™ Sponges & Wipes

- 100% Polyester with a waffle weave design for increased absorbency

Part No.	Description
SP11-46	4" x 6" PolySorb Sponge
WP11-1212H	12" x 12" PolySorb Wipe
WP11-1212HIR	12" x 12" PolySorb Wipe - Irradiated



PolyMesh™ Sponges & Wipes

- 100% Polyester covered in Polyester Abrasive Mesh
- Removes chemical deposits, photo resist and fluxes
- Clean alternative to household grade abrasive pads
- Will not shed or flake
- Holds up to strong disinfectants and steam sterilization

Part No.	Description
SP68-363	3" x 6" x 3" PolyMesh Sponge
SP68-46	4" x 6" PolyMesh Sponge
WP68-99H	9" x 9" PolyMesh Wipe

Additional sizes and custom sizes available. Also available irradiated.

NovaWipes™ & NovaSponges™

- Constructed from bonded, non-woven Polyvinyl Alcohol (PVA)
- 600% absorbency
- Low linting
- Extremely durable
- Soft and pliable, can be used wet or dry
- Sponges combine PVA over a urethane foam interior
- Launderable
- Not recommended for use with isopropyl alcohol

Part No.	Description
SP1-363	3" x 6" x 3" PVA Sponge
SP1-46	4" x 6" PVA Sponge
WP1-99	9" x 9" PVA Wipe
WP1-1212	12" x 12" PVA Wipe

Additional sizes and custom sizes available.

**NovaLite™ Sponges & Wipes**

- Constructed from a latex exterior bonded with rayon
- 400% absorbency
- Hard wearing
- Latex exterior offers increased friction resistance
- Sponges combine NovaLite over a urethane foam interior
- Holds up to strong disinfectants and steam sterilization
- Launderable

Part No.	Description
SP2-363	3" x 6" x 3" NovaLite Sponge
SP2-46	4" x 6" NovaLite Sponge
WP2-1012	10" x 12" NovaLite Wipe
WP2-1418	14" x 18" NovaLite Wipe

Additional sizes and custom sizes available.

**NovaCel™ Sponges & Wipes**

- Constructed from white PVA (Polyvinyl Alcohol)
- Absorbs 25 times its weight
- Broad chemical resistance
- Ultra-clean
- Holds up to strong disinfectants and steam sterilization
- Launderable

Part No.	Description
SP4-533	5" x 3.3" x 1/3" NovaCel Sponge
WP4-99	9" x 9" NovaCel Wipe
WP4-99IR	9" x 9" NovaCel Wipe - Irradiated

Also available irradiated.





MicroFiber Sponges & Wipes

- Constructed from 80% Polyester / 20% Polyamide
- Split MicroFiber material
- Over 400% absorbency
- Superior cleaning ability
- Sponges combine MicroFiber over a urethane foam interior
- Holds up to strong disinfectants and steam sterilization
- Available in a variety of sizes

Part No.	Description
SPAA-363	3" x 6" x 3" MicroFiber Sponge
SPAA-46	4" x 6" MicroFiber Sponge
WPAA-99	9" x 9" MicroFiber Wipe
WPAA-1218	12" x 18" MicroFiber Wipe

Additional sizes and custom sizes available. Also available irradiated.



MegaTex™ Sponges & Wipes

- Non-woven Polyamide fabric
- Textured thermo bonded surface
- Ideal for cleaning heavy soils, structured floors and other rough surfaces
- Sponges combine MegaTex over a urethane foam interior
- Holds up to strong disinfectants and steam sterilization
- Available in a variety of sizes

Part No.	Description
SP20-363	3" x 6" x 3" MegaTex Sponge
SP20-46	4" x 6" MegaTex Sponge
WP20-99	9" x 9" MegaTex Wipe
WP20-1218	12" x 18" MegaTex Wipe

Additional sizes and custom sizes available. Also available irradiated.

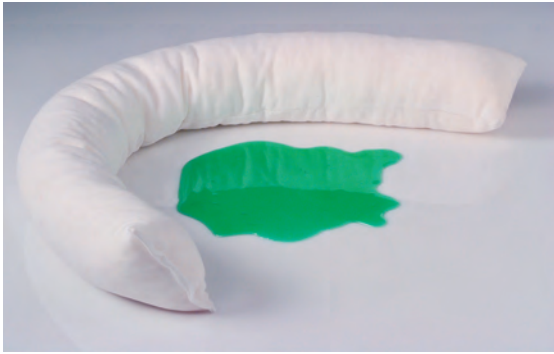


M-Zone MittWipes™

- Easily clean around carts, shelving, tanks, tubing and other hard to clean areas
- Added protection in cleanroom maintenance, LAR applications
- Secure cleaning for hard to reach areas
- Available in 100% Polyester for standard use
- Available in PolySorb (increased absorbency), MegaTex (for heavy soil or rough surfaces) and Microfiber
- All versions available with foam interior for increased absorbency

Part No.	Description
MW-6	NovaPoly MittWipe
MWD-611	NovaPoly MittWipe – Foam Interior
MW-11	PolySorb MittWipe
MWDT-1111	PolySorb MittWipe – Foam Interior
MW-20	MegaTex MittWipe
MW-2011	MegaTex MittWipe – Foam Interior
MW-AA	Microfiber MittWipe
MWDT-AA11	Microfiber MittWipe – Foam Interior

Additional sizes and custom sizes available. Also available irradiated.



NovaSpill™

The NovaSpill cleanroom spill pillow offers excellent absorbency coupled with cleanroom compatibility. A 28" cylinder composed of 100% polyester strips contained in a polyester sleeve, the NovaSpill is low-linting with good chemical resistance for use at wet decks and similar processing stations. Easy to maneuver, the NovaSpill can be used for spill containment and to stem moisture flow. Will absorb up to 850 ml of liquid. Custom sizes available.

Part No.	Description
NS6-28	NovaSpill Pillow
NS6-28IR	NovaSpill Pillow - Irradiated



SilSat™ Silicone Pre-Saturated Wipes

This polyester wipe is impregnated with a blend of medical grade silicone and IPA. The lubricated wipe does away with the need to use spray lubricants in sensitive and controlled environments. Will lubricate gaskets and seals in isolators, refrigerators and cabinets in aseptic processing and support areas. A valuable tool for cleaning and maintenance of mechanized equipment in critical areas. SilSat is also an economical alternative to spray lubricants in medical device and mold release applications. Gamma Irradiated.

Part No.	Description
SSW6-01IR	8 Count Pack



About Face™ Cleansing Wipes

Gowning protocols in clean and controlled areas often require that operators and visitors are free of makeup and other cosmetics.

About Face Cleansing Wipes offer a pre-moistened cleansing wipe that is gentle enough for the face, but can also be used as a pre-cleaning wipe to remove surface grime and soil prior to gloving or sanitizing hands.

The poly blend wipe is pre-moistened with a gentle, alcohol free moisturizing lotion. Individually bagged, the About Face Cleansing Wipes are alcohol free and biodegradable.

Part No.	Description
MMR-01S	Pack of 15
MMR-01	Case of 250

M-Zone ScreenWipes™

- Designed for controlled environments
- Cleans monitors, touch screens, lenses and safety glasses
- Removes surface contaminants
- Cleans to a streak free finish
- Will not damage coatings on specialty screens

Part No.	Description
MZSW40-910	M-Zone ScreenWipes



Brushes

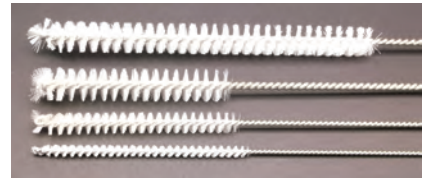
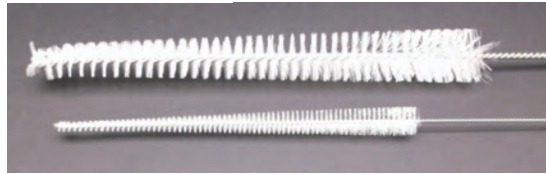
Stainless Steel Wire Brushes with Nylon Bristles

Part No.	Brush Diameter	Brush Length	Overall Length	Bristle Stiffness	Type of Tip	Handle Type
BRWL-149 *	1/4"	5"	16"	Light	Fan Tip	Loop
BRWM-125 *	1/2"	5"	16"	Medium	Fan Tip	Loop
BRWL-349	3/4"	9"	20"	Light	Fan Tip	Loop
BRWM-345	3/4"	5"	16"	Medium	Fan Tip	Loop
BRWM-16BR	1"	6"	36"	Medium	Fan Tip	Plastic
BRWM-12572 *	1/2"	5"	72"	Medium	Polished Tip	Loop
BRWM-1572	1"	5"	72"	Medium	Polished Tip	Loop
BRWM-22	2"	2"	16"	Medium	Fan Tip	Loop
BRWM-22512S *	2 1/4"	12"	21"	Medium	Tufted Tip	Acme thread
BRWM-22512J *	2 1/4"	12"	16"	Medium	Tufted Tip	Acme thread
BRWL-14349	1/4 to 3/4"	9"	20"	Light	Fan Tip	Loop
BRWM-341512	3/4 to 1 1/2"	12"	28"	Medium	Fan Tip	Loop

*Covers Available

BRWM-22512S & BRWM-22512J >>> Microfiber: FBC-6AA, Polyester: FBC-611, Poly Irradiated: FBC-611IR

BRWL-149, BRWM-125, BRWM-12572 >>> Polyester Tube: BRSC52-6



Interior Pipe & Vessel Cleaning

Brushes with Acme Threading for use with STA series handles

Brushes with Handles

Cylinder Brush 7"

PolyMesh Cover
PolyMesh Cover w/ties
Polyester Cover

BRWH-02

BRSC68-02
BRSC68-0211
BRSC6-02



Cylinder Brush 5"

PolyMesh Cover
PolyMesh Cover w/ties
PolySorb Cover

BRWH-03

BRSC68-03
BRSC68-0311
BRSC11-03



Kettle Brush 5.25" x 7.5"

Polyester Cover
PolyMesh Cover
Microfiber/Poly Cover

BRWH-41

BRSC6-41
BRSC68-41
BRSC6AA-41



Kettle Brush 6" x 10.5"

Microfiber Cover

BRWH-42

BRSCAA-42



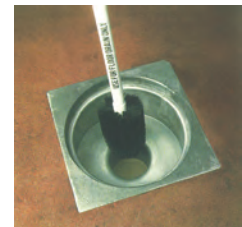
Bottle Brushes

3.25" diameter with a 16" handle

Part No.	Description
BRWH-01	White Bottle Brush
BRDB-01	Blue Bottle Brush
BRDG-01	Green Bottle Brush
BRRE-01	Red Bottle Brush
BRYE-01	Yellow Bottle Brush
BRWH-40	5" Diameter White Bottle Brush



Valve Brush 5" with 30" Handle
(BRWH-30)



Drain Brush (BRBL-46)
Handle 36" (BRHFD-36)

Cleanroom Pens

A low-sodium ink pen designed with a special poly barrel to limit particle generation. 10 per pack/10 packs per case. Available in Black, Blue and Red. Also available Gamma Irradiated.

Part No.	Description
PEN-01	Low Sodium Ink Pen Black
PEN-02	Low Sodium Ink Pen Blue
PEN-03	Low Sodium Ink Pen Red
PEN-01IR	Low Sodium Ink Pen Black - Irradiated
PEN-02IR	Low Sodium Ink Pen Blue - Irradiated
PEN-03IR	Low Sodium Ink Pen Red - Irradiated



Sharpie® Irradiated Marker

Sharpie® Fine Point Marker, the industry standard, original pen style permanent marker. Marks and is permanent on most surfaces. Fade and water resistant ink. Quick drying, non-toxic, alcohol-based ink formula. Gamma Irradiated, double bagged, 4 per package.

Part No.	Description
PEN-20IR	Black Fine Point Irradiated
PEN-25IR	Retractable Black Fine Point Irradiated

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LabMarker™

LabMarkers feature permanent, quick drying, alcohol resistant ink that marks on cold or wet surfaces, plastic bags or disposable labware. Marks will not smear on reusable glass, metal or porcelain labware but can be scrubbed off. Fine tip, black ink. Available gamma irradiated.

Part No.	Description
PEN-40	LabMarker
PEN-40IR	LabMarker Irradiated



BagCutters

- Automatically retractable safety blade guard
- Ergonomic handle
- No blade changes required - eliminates all loose blades
- Gamma irradiated

Part No.	Description
BC-01R	Irradiated BagCutter



Foam Free Mops/J-Zone

Foam Free Mop Options

Part No.	Description
MZSM11-14NS	SnapMop Polysorb, No Foam 14"
MZSM56-14NS	SnapMop Polyester, No Foam 14"
MZSM68-14NS	SnapMop PolyMesh, No Foam 14"
MZSMAA8-14NS	SnapMop Microfiber/PolyMesh, No Foam 14"
PKM11-14NS	PocketMop PolySorb, No Foam 14"
PKM68-14NS	PocketMop PolyMesh, No Foam 14"
PKMAA-14NS	PocketMop Microfiber, No Foam 14"
PKMAA8-14NS	PocketMop Microfiber/PolyMesh, No Foam 14"
SMC6-14	Slipcover 14" Polyester for use with SlimLine, SnapMop or PadMop
SMCAA-14	Slipcover 14" Microfiber for use with SlimLine, SnapMop or PadMop
T68-14NS	T-Mop PolyMesh, No Foam 14"
TAA8-14NS	T-Mop Microfiber/Polymesh, No Foam 14"
TMC6-14	Slipcover 14" Polyester for use with T-Mop
TMCAA-14	Slipcover 14" Microfiber for use with T-Mop

Additional sizes available as well as irradiated options.



For applications requiring less absorbency or dry mopping. Slipcover options allow frequent change out while preserving base mop.

The J ZONE

Upgrade your standard line janitorial supplies with our selection of J-Zone products. Ideal for lab support and non GMP applications.

J-Zone NovaSorb™ Mop

- String mop made from Sontara® material
- Economic design allows for single use
- Absorbent and lightweight



Part No.	Description
JZMZCRMS-LB	Case of 12 NovaSorb Mops
MH-1	MicroMop Handle

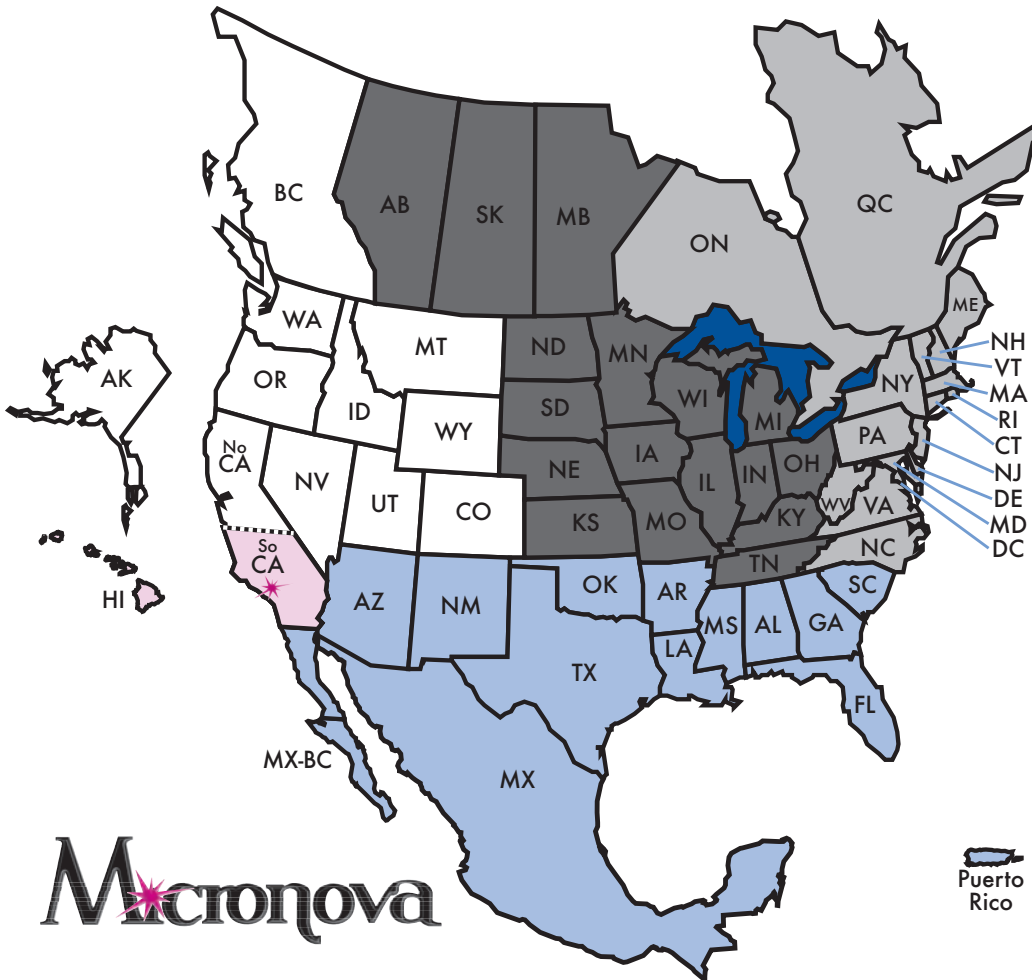
J-Zone MegaSorb™ Mop

- String mop made from microfiber material
- For applications requiring high absorbency
- Longer lasting than traditional cotton mops



Part No.	Description
JZMZCRMS-10	Case of 50 MegaSorb Mops
MH-1	MicroMop Handle

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