



HOSPECO
CLEAN • PROTECT

■ **MICROWORKS® MICROFIBER SOLUTIONS**



Microfiber Floor Care

Disposable Microfiber

Microfiber Towels

SPHERGO® Flat Surface Cleaning System

SPHERGO® Pop





NOTHING CLEANS BETTER

What is Microfiber?

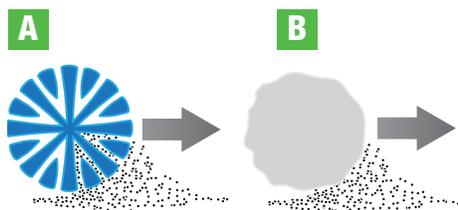
Soft, ultra-absorbent polyester (80%) and polyimide (20%) fibers are split until they are thinner than silk. Microfiber pads average 200,000 microfilaments per square inch. One strand of MicroWorks® Microfiber is several hundred times smaller than a strand of cotton. The wedge-shaped, lint free, hypoallergenic microfibers lift and trap dust, grime, and moisture without harming/scratching delicate surfaces.

How Does Microfiber Work?

To be effective as a cleaning product, it has to be split microfiber. If it is not split during manufacturing, it isn't much more than a very soft cloth. One way to determine if the microfiber is split is to run the palm of your hand over it. If it grabs the imperfections on your skin then it is split. Open spaces in the fibers are created during the splitting process, which makes microfiber an effective cleaning tool. Microfiber provides a higher level of surface area, ideal for more efficient cleaning.

Microfiber fibers are positively charged. Dirt and dust are negatively charged so they are attracted to microfiber like a magnet. The microfiber holds on to the dust and dirt until it is released in the laundering process or when it is rinsed out.

If you were to look at a cross section of split microfiber, it would look like an asterisk. The split fiber working in conjunction with the space between them is what does the cleaning.



Cross sections:
Image (A) is microfiber thread, image (B) is cotton thread; microfiber leaves little or no residue, unlike cotton



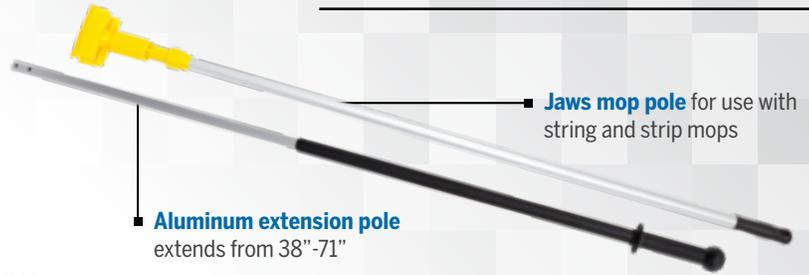
Greener - Uses 95% less water and chemicals than a traditional cleaning system. Durable pads launder for reuse, reducing solid waste.

Benefits of Microfiber Products

- Highly effective at removing dust and bacteria
- Lifts and traps dirt
- Perfect for both wet and dry applications
- Eliminates streaks, reducing cleaning time; low lint
- Cleaning solutions go further, longer use between tasks
- Color coding helps reduce potential cross contamination
- Scratch free/non-abrasive material
- Very absorbent; absorbs up to 7 times its weight
- Machine washable - withstands hundreds of washes (Do not use chlorine bleach or fabric softener as they will break down the integrity of the cloth)
- Will last 5-10 times longer than conventional materials
- Microfiber cleans more efficiently, reducing labor and chemical costs

MicroWorks® Microfiber Handles and Frames

- Swivelling head can be locked into place
- Velcro® strips and handle connectors are replaceable
- Frames available for the 18", 24", and 36" Velcro® pad backing



Item #	Description	Selling Unit	Case Pack
2505-MFMH-3871	Aluminum Extension Pole	1 ea	24 ea/cs
2505-MFJAW62	Aluminum Yellow Jaws Mop Pole	1 ea	12 ea/cs
2505-MFMB-18	Aluminum Base for 18" Pad (5"x16")	1 ea	50 ea/cs
2505-MFMB-24	Aluminum Base for 24" Pad (5"x22")	1 ea	50 ea/cs
2505-MFMB-36	Aluminum Base for 36" Pad (5"x33")	1 ea	50 ea/cs

MicroWorks® Floor Care Bucket

- Accommodates flat mops up to 18"
- Wheels can be removed
- Tap board included to remove excess liquid from mop pads before use
- Secure cover included to prevent spills



Item #	Color	Size	Selling Unit	Case Pack
2505-MFBT-6GY	Gray	6 Gallons	1 ea	5 ea/cs

ToughWorks® Dual Chamber Bucket

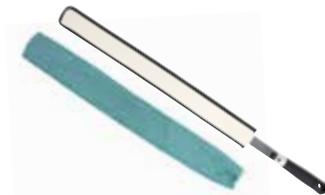
- Made from sturdy, chemical resistant polypropylene, making it ideal to hold a wide variety of cleaning solutions
- Molded dual chambers prevent any leakage between dirty and clean water
- Down press wringer takes less force and is easier on cleaning staff
- Separate removable, light weight soil water bucket
- Removable wringer insert accommodates any size mop
- Smooth rolling casters



Item #	Color	Size	Selling Unit	Case Pack
92224083YL	Yellow	35 Quarts	1 ea	1/cs

MicroWorks® Duster Sleeve and Wand

- Great tool for dusting
- Flexible frame makes easy work of dusting high areas such as ceiling fans or the corners of vaulted ceilings



Item #	Description	Size	Selling Unit	Case Pack
2504-MFDS-21G	Duster Sleeve, Green	21"	10/bg	10 bg/cs
2505-MFDS-W	Flexible Dust Wand	-	1 ea	50 ea/cs

Applications:

Floors, walls, windows, furniture, classrooms, restrooms, gyms, pools, showers, schools, colleges, industry, hospitals, hospitality, restaurants, grocery stores, food processors, in other words just about anywhere!

MicroWorks® Microfiber Dust Mops with Pocket

- Will fit standard frames and handles
- Free of any straps or ties



Item #	Color	Size	Selling Unit	Case Pack
2506-MFDM-180	Gray/Navy - Orange Canvas Back	18"	1 ea	24 ea/cs
2506-MFDM-24Y	Gray/Navy - Yellow Canvas Back	24"	1 ea	24 ea/cs
2506-MFDM-36R	Gray/Navy - Red Canvas Back	36"	1 ea	24 ea/cs
2506-MFDM-48B	Gray/Navy - Blue Canvas Back	48"	1 ea	24 ea/cs
2506-MFDM-60GN	Gray/Navy - Green Canvas Back	60"	1 ea	24 ea/cs
2506-MFDM-72GY	Gray/Navy - Gray Canvas Back	72"	1 ea	24 ea/cs

MicroWorks® Microfiber Dust Mops With Velcro® Back

- No additional foam layer, providing more durability
- Easily removable for laundering



Item #	Color	Size	Selling Unit	Case Pack
2506-MFVM-18	Gray/Navy	18"	1 ea	6 dz/cs
2506-MFVM-24	Gray/Navy	24"	1 ea	4 dz/cs
2506-MFVM-36	Gray/Navy	36"	1 ea	4 dz/cs



Floors



Windows

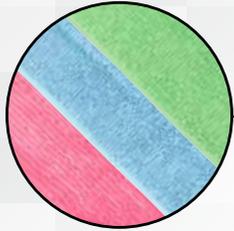


Furniture



MicroWorks® Microfiber Wet Flat Mop With Velcro® Back

- Can be used on any hard surface and leaves no residue
- Center layer has additional microfiber for increased absorbency and durability
- Will last through hundreds of launderings
- Easily removable for laundering

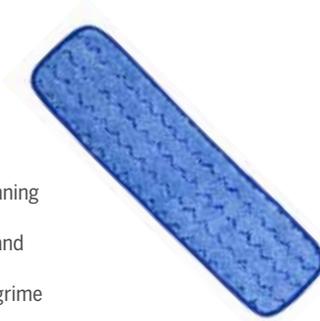


Color coding helps reduce potential cross contamination

Item #	Color	Size	Selling Unit	Case Pack
Standard Wet Flat Mops				
2504-MFFP-18G	Green	18"	1 dz	16 dz/cs
2504-MFFP-18B	Blue	18"	1 dz	16 dz/cs
2504-MFFP-18R	Red	18"	1 dz	16 dz/cs
2504-MFFP-24G	Green	24"	1 dz	16 dz/cs
2504-MFFP-24B	Blue	24"	1 dz	16 dz/cs
Economy Wet Flat Mops				
2504V-MFFP-18G	Green	18"	1 dz	16 dz/cs
2504V-MFFP-18B	Blue	18"	1 dz	16 dz/cs

MicroWorks® Microfiber Scrubber Flat Mop With Velcro® Back

- Recommended when more aggressive cleaning is required
- Ideal for cleaning tile and grout, concrete and stone floors
- For use in high traffic areas to lift dirt and grime
- Easily removable for laundering



Item #	Color	Size	Selling Unit	Case Pack
2504-MFFP-18BS	Blue	18"	1 dz	16 dz/cs

MicroWorks® Microfiber Strip Wet Mop

- Offers all the benefits of microfiber; streak free, scratch free, low-lint, and reusable
- Scrubber head
- Highly absorbent - up to seven times its weight
- Fits standard handles



Item #	Color	Size	Selling Unit	Case Pack
2504S-MFWP-NV	Navy	Small	1 ea	24 ea/cs
2504S-MFWP-GN	Green	Medium	1 ea	24 ea/cs

MicroWorks® Microfiber String Wet Mop

- Traditional cleaning tool with the benefits of microfiber
- Color-coded bands help reduce cross contamination
- Scrubber pad on head removes tough residue on floors
- Can be used with standard mopping equipment for routine cleaning and spills
- Pre-shrunk for long lasting performance



Item #	Color	Size	Selling Unit	Case Pack
2504-MFWP-15B	Blue	15 oz.	1 ea	24 ea/cs
2504-MFWP-18Y	Yellow	18 oz.	1 ea	24 ea/cs
2504-MFWP-18B	Blue	18 oz.	1 ea	24 ea/cs
2504-MFWP-22G	Green	22 oz.	1 ea	24 ea/cs
2504-MFWP-22B	Blue	22 oz.	1 ea	24 ea/cs

MicroWorks® Disposable Cleaning Pads

- 100% synthetic absorbent material
- Can be used with any cleaning solution
- Use for both wet and dry applications
- Sanitizer compatible
- Attaches to any hook and loop base tool



Item #	Color	Size	Selling Unit	Case Pack
2504-DPFP-10W	White/Blue	Medium - 11"	1 dz	16 dz/cs
2504-DPFP-15W	White/Blue	Large - 15"	1 dz	16 dz/cs
2504-DPFP-17W	White/Blue	X-Large - 17"	1 dz	16 dz/cs
2504-DPFP-19W	White/Blue	XX-Large - 19"	1 dz	16 dz/cs

MicroWorks® Disposable Mops

- Excellent as single use healthcare strip mop
- Spunlace 40% Viscose 60% Polyester
- More absorbent more than standard rayon and cotton mops at half the weight
- Significantly less lint than standard rayon and cotton mops
- Virtually lint free
- 1" band
- More floor coverage than cotton or rayon mops
- Made from 100% post industrial recycled material
- 100% made in the USA



Item #	Color	Size	Selling Unit	Case Pack
2504-DSP-65	White	6.5 oz	1/bg	12 bg/cs
2504-DSP-85	White	8.5 oz	1/bg	12 bg/cs
2504-DSP-12	White	12 oz	1/bg	12 bg/cs

MicroWorks® Disposable Cotton Cut-Off String Mop

- Economical Cotton Cut off Mop
- 4 Ply 100% Cotton
- 1" band
- Individually packed



Item #	Color	Size	Selling Unit	Case Pack
2504-DCP-MD	White	17 oz	1/bg	12 bg/cs
2504-DCP-LG	White	24 oz	1/bg	12 bg/cs

Disposable Microfiber Towel

- Nonwoven microfiber towel
- Strong enough to be reused, but inexpensive enough to discard



Item #	Color	Size	Selling Unit	Case Pack
DTMF12WH	White	12" x 12"	150/bx	8 bx/cs

MicroWorks® Microfiber Towels

- Highly effective at removing dust and bacteria
- Lifts and traps dirt
- Perfect for both wet and dry applications
- Eliminates streaks, reducing cleaning time; low lint
- Cleaning solutions go further, longer use between tasks
- Color coding helps reduce potential cross contamination
- Scratch free/non-abrasive material
- Very absorbent; absorbs up to 7 times it's weight

Item #	Description	Color	Size	Selling Unit	Case Pack
Premium Microfiber					
2502-GOLD-DZ	Towel, 360 gsm	Gold	16" x 16"	1 dz	18 dz/cs
2502-DWG-DZ	Towel, 330 gsm	Dark Green	12" x 12"	1 dz	18 dz/cs
Specialty Microfiber					
2503-20X40	Bath Towel, 300 gsm	Blue	20" x 40"	1 ea	100 ea/cs
2500S-B-DZ	Glass + Mirror Suede Towel, 220 gsm	Blue	15" x 15"	1 dz	18 dz/cs
2500BT-WN-DZ	Bar Mop	White/Stripe	14" x 18"	1 dz	20 dz/cs
2509-GD-DZ	Car Polishing, Unhemmed	Gold	16" x 14"	4 dz/bg	4 bg/cs
2503-B-16X27	Car Wash Towel, 220 gsm	Blue	16" x 27"	1 dz	18 dz/cs
2503-G-16X27	Car Wash Towel, 220 gsm	Green	16" x 27"	1 dz	18 dz/cs
Standard Microfiber					
2502-B-EA	Towel, 300 gsm	Blue	16" x 16"	1 ea	250 ea/cs
2502-B-DZ	Towel, 300 gsm	Blue	16" x 16"	1 dz	18 dz/cs
2502-B-500	Towel, 300 gsm	Blue	16" x 16"	500 ea	500 ea/cs
2502-GREEN-DZ	Towel, 300 gsm	Green	16" x 16"	1 dz	18 dz/cs
2502-GREEN-500	Towel, 300 gsm	Green	16" x 16"	500 ea	500 ea/cs
2502-RED-DZ	Towel, 300 gsm	Red	16" x 16"	1 dz	18 dz/cs
2502-RED-500	Towel, 300 gsm	Red	16" x 16"	500 ea	500 ea/cs
2502-OR-DZ	Towel, 300 gsm	Orange	16" x 16"	1 dz	18 dz/cs
2502-OR-500	Towel, 300 gsm	Orange	16" x 16"	500 ea	500 ea/cs
2502-Y-DZ	Towel, 300 gsm	Yellow	16" x 16"	1 dz	18 dz/cs
2512-B-DZ	Towel, 300 gsm	Blue	12" x 12"	1 dz	18 dz/cs
2512-G-DZ	Towel, 300 gsm	Green	12" x 12"	1 dz	18 dz/cs
2512-G-500	Towel, 300 gsm	Green	12" x 12"	500 ea	500 ea/cs
2512-Y-DZ	Towel, 300 gsm	Yellow	12" x 12"	1 dz	18 dz/cs
2512-Y-500	Towel, 300 gsm	Yellow	12" x 12"	500 ea	500 ea/cs
2512-W-DZ	Towel, 300 gsm	White	12" x 12"	1 dz	18 dz/cs
Value Microfiber					
2511-Y-DZ	Towel, 220 gsm	Yellow	16" x 16"	1 dz	18 dz/cs
2511-W-DZ	Towel, 220 gsm	White	16" x 16"	1 dz	18 dz/cs
2501-B-DZ	Towel, 220 gsm	Blue	12" x 12"	1 dz	18 dz/cs
2501-RED-DZ	Towel, 220 gsm	Red	12" x 12"	1 dz	18 dz/cs
2501-Y-DZ	Towel, 220 gsm	Yellow	12" x 12"	1 dz	18 dz/cs
2503-AC-BG	Towel, 2 lb Bulk Pack	Assort.	12" x 12" - 18" x 18"	1 bg	6 bg/cs





SIMPLE DESIGN. PROFOUND IMPACT.

For any flat surface cleaning/
dusting application especially
for "hard to reach" areas:

- Floors
- Walls
- Windows
- Mirrors
- High Capacity Cubes
- Display Counters
- Bar Tops
- Warming Devices
- Ice Machines
- Vent Hoods
- Food Display Cases
- Appliances
- Desks
- Pictures/Signage
- Book Cases
- Dressers
- Tables
- Baseboards
- Shelves
- Blinds
- Escalators
- Airplane Tray Tables

The Revolutionary SPHERGO® Flat Surface Cleaning System

The SPHERGO® surface-cleaning base tool together with MicroWorks® microfiber cleaning pads – was developed specifically to address problems presented by using traditional rag cleaning and wiping systems for flat surfaces.

Musculoskeletal disorders (MSDs), including back and trunk injuries, carpal tunnel syndrome, bursitis, and tendonitis, are cumulative "ergonomic injuries" that commonly occur in workers in the cleaning and sanitation industry. The costs of MSDs to businesses can be massive in both human and financial terms.

Why SPHERGO®?

While manual cleaning with rags can be effective, the process requires a great deal of wrist motion and physical bending for extended periods. Rag cleaning results in the highest rate of fatigue and potential for MSDs. The SPHERGO® Surface Cleaning System is an ergonomic breakthrough, developed through extensive research and testing to address the physical challenges of manual cleaning of flat vertical and horizontal surfaces (walls, floors, mirrors, windows, etc.).



MSDs account for 33% of occupational injury and illness cases.

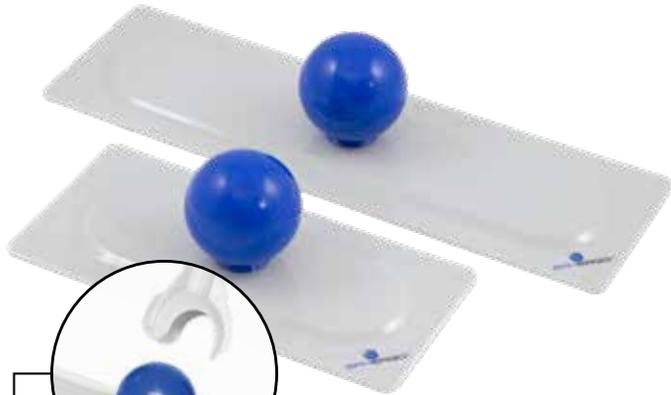
- When used with the telescoping or extended reach pole, the flat pad surface rotates around the ball handle, dramatically minimizing the wrist motions, repeated torso flexion, and straining movements that can lead to MSDs
- Tested according to REBA (Rapid Entire Body Assessment) guidelines, the SPHERGO system was found to lessen flexion, extension, and radial/ulnar deviation when cleaning, compared to the results when using a standard rag or mopping system



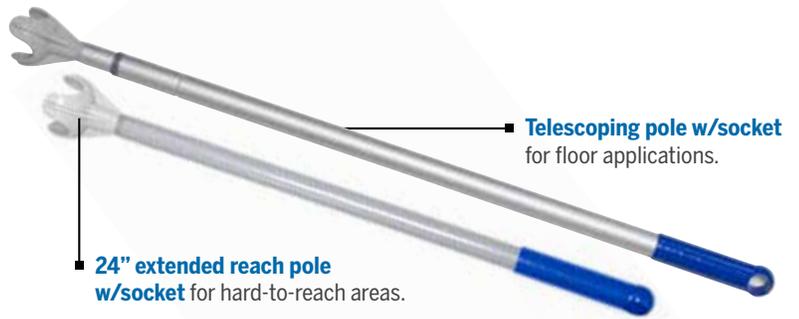
■ **Patent-pending spherical ball handle** is engineered for optimal ergonomic comfort, allowing a more neutral positioning of the wrist for greater comfort and productivity while minimizing musculoskeletal stresses common to manual cleaning processes.

SPHERGO® Flat Surface Cleaning System

- Faster and more efficient – greater surface area is cleaned in one motion
- Improves productivity, reduces fatigue, Increases job satisfaction
- Medium base tool for use with 5" x 11" microfiber flat pad for horizontal and vertical flat surfaces (counters, walls, windows, etc.)
- Large base tool for use with 5" x 16" microfiber flat pad and telescoping handle for floor care
- Lightweight: SPHERGO® medium tool plus pad weighs less than 0.5 lbs; SPHERGO® large tool plus telescoping pole w/socket weighs less than 1.5 lbs
- Hook and loop fabric for attaching microfiber pad
- Tools can be incorporated into existing microfiber protocols



■ **Spherical ball** easily attaches to poles by popping it into the socket.



■ **24" extended reach pole w/socket** for hard-to-reach areas.

■ **Telescoping pole w/socket** for floor applications.

Item #	Description	Case Pack
SPHERGO® Starter Kit		
SPH-KT	(1) Telescoping Aluminum Pole w/Socket - up to 62" (1) Extended Reach Pole w/Socket - 24" (2) Surface Cleaning Tools - (1) Medium, (1) Large (3) Medium MicroWorks® Flat Pads (3) Medium MicroWorks® Flat Specialty Pads (3) Large MicroWorks® Flat Pads	1 Kit

SPHERGO® Surface Cleaning Tools		
2505-SPH-TPS	Telescoping Aluminum Pole w/ Socket - up to 62"	12/cs
2505-SPH-TPS-EA	Telescoping Aluminum Pole w/ Socket - up to 62"	1 ea
2505-SPH-ERPS	Extended Reach Pole w/Socket - 24"	12/cs
2505-SPH-ERPS-EA	Extended Reach Pole w/Socket - 24"	1 ea
2505-SPH-MST	Surface Cleaning Tool - Medium	12/cs
2505-SPH-MST-EA	Surface Cleaning Tool - Medium	1 ea
2505-SPH-LST	Surface Cleaning Tool - Large	12/cs
2505-SPH-LST-EA	Surface Cleaning Tool - Large	1 ea
2505-SPH-S	Replacement Socket	12/cs
2505-SPH-S-EA	Replacement Socket	1 ea

Bonus Tool!

Tennis balls fit into both the telescoping and extended reach poles and are useful in removing scuffs from floors.



Tennis balls NOT included! ►

MicroWorks® Flat Pads for SPHERGO® Surface Cleaning System

- Microfiber flat pads clean more effectively and hygienically than other materials; leaves no residue
- Can be used on any hard surface
- Color coded to reduce cross contamination
- Lifts and traps dirt for optimal microbial reduction
- Scratch free/non-abrasive
- Can be used wet or dry
- Very absorbent
- Launderable hundreds of times

Item #	Description	Size	Color	Selling Unit
2504-SPH-MFP-11B	Flat Microfiber Pad	11"	Blue	1 dz - 16 dz/cs
2504-SPH-MFP-11G	Flat Microfiber Pad	11"	Green	1 dz - 16 dz/cs
2504-SPH-MFP-11O	Flat Microfiber Pad	11"	Orange	1 dz - 16 dz/cs
2504-SPH-MFP-11BS	Flat Specialty Microfiber Pad	11"	Blue	1 dz - 16 dz/cs
2504-SPH-MFP-16B	Flat Microfiber Pad	16"	Blue	1 dz - 16 dz/cs
2504-SPH-MFP-16G	Flat Microfiber Pad	16"	Green	1 dz - 16 dz/cs



■ **MicroWorks® specialty flat pad** designed with a low nap for streak-free cleaning on glass, mirrors, and other reflective surfaces

SPHERGO POP® – Companion Cleaning Tools to the SPHERGO® Flat Surface Cleaning System



SPHERGO POP® cleaning tools can be used with the SPHERGO® extended reach pole or the telescoping pole to eliminate awkward bending and help clean those hard to reach places.

SPHERGO POP® Surface Cleaning Tools

PRESS n' GO™

- Cleaning tool with levers that “pop” the soiled microfiber cleaning pad off when finished with use
- Ideal size and 360° rotation for tight and confined spaces in the home, restrooms, utility rooms, lunch rooms, and more
- No touch minimizes cross-contamination from soiled pads to other surfaces or persons

TUCK n' GO™

- Cleaning tool designed for use with almost any disposable wiper
- Allows you to remove the soiled wipers without touching them
- Accommodates most disposable or reusable wipers; designed for use with 8”x11” wipers, but will fit any wiper that can be folded to size

Item #	Description	Case Pack
PRESS n' GO™		
2505-SPH-MPG-EA	PRESS n' GO™ Tool	1 ea
2505-SPH-MPG	PRESS n' GO™ Tool	12/cs
TUCK n' GO™		
2505-SPH-MTG-EA	TUCK n' GO™ Tool	1 ea
2505-SPH-MTG	TUCK n' GO™ Tool	12/cs



SPHERGO POP® Dry Cleaning Cloths

- Use for wiping, dusting, cleaning counters and floors
- Soft and strong; herringbone pattern attracts and traps dust, dirt and debris
- 8” x 11”, 100% Polyester duster folded to fit Sphergo Pop® TUCK n' GO™ tool
- Convenient 64 count bonus pack has resealable lid for sanitary storage
- Can be used dry with or without tool



Item #	Description	Size	Case Pack
N-SPH-DO664	Dry Cleaning Cloths	8" x 11"	64/bx - 6 bx/cs



SPHERGO POP® tools offer no-touch disposal of soiled cleaning pads. No-touch disposal minimizes cross contamination and transmission of pathogens and germs from soiled pads to clean surfaces or other persons.