



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?

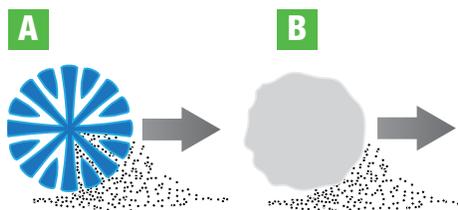
Soft, ultra-absorbent polyester (80%) and polyimide (20%) fibers are split until they are thinner than silk. Microfiber pads average 200,000 microfilaments per square inch. One strand of MicroWorks® Microfiber is several hundred times smaller than a strand of cotton. The wedge-shaped, lint free, hypoallergenic 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



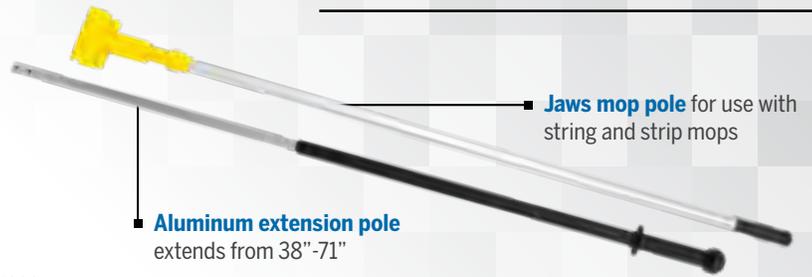
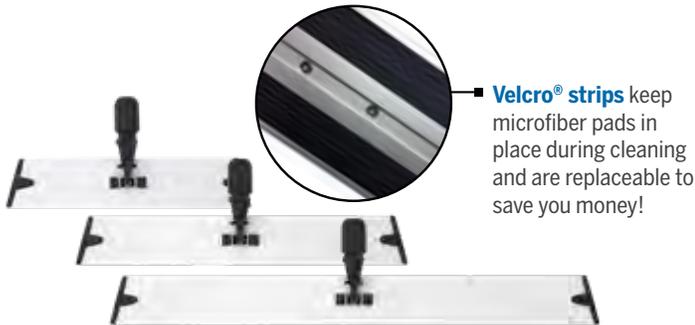
Greener - Uses 95% less water and chemicals than a traditional cleaning system. Durable pads launder for reuse, reducing solid waste.

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

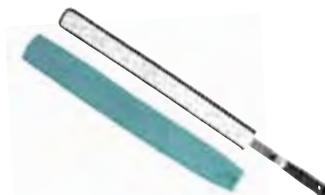
- Made from sturdy, chemical resistant polypropylene, making it ideal to hold a wide variety of cleaning solutions
- Molded dual chambers prevent any leakage between dirty and clean water
- Down press wringer takes less force and is easier on cleaning staff
- Separate removable, light weight soil water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

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 |

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!



Floors

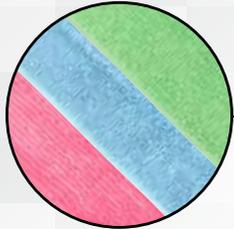
Windows

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

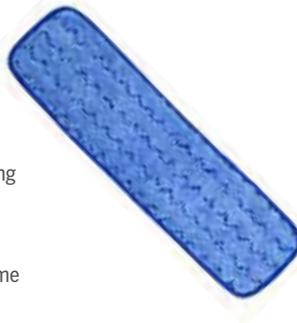


Color coding helps reduce potential cross contamination

| 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



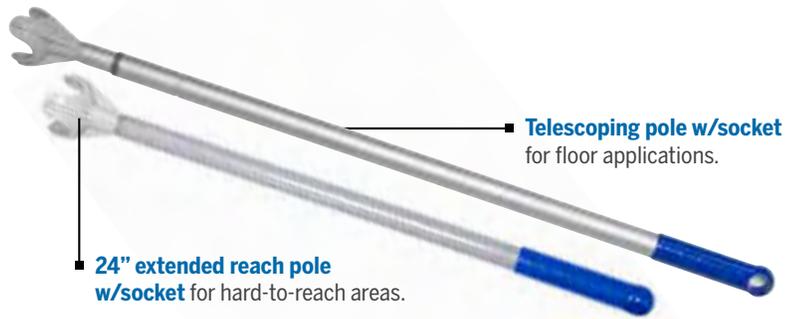
■ **Patent-pending spherical ball handle** is engineered for optimal ergonomic comfort, allowing a more neutral positioning of the wrist for greater comfort and productivity while minimizing musculoskeletal stresses common to manual cleaning processes.

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.

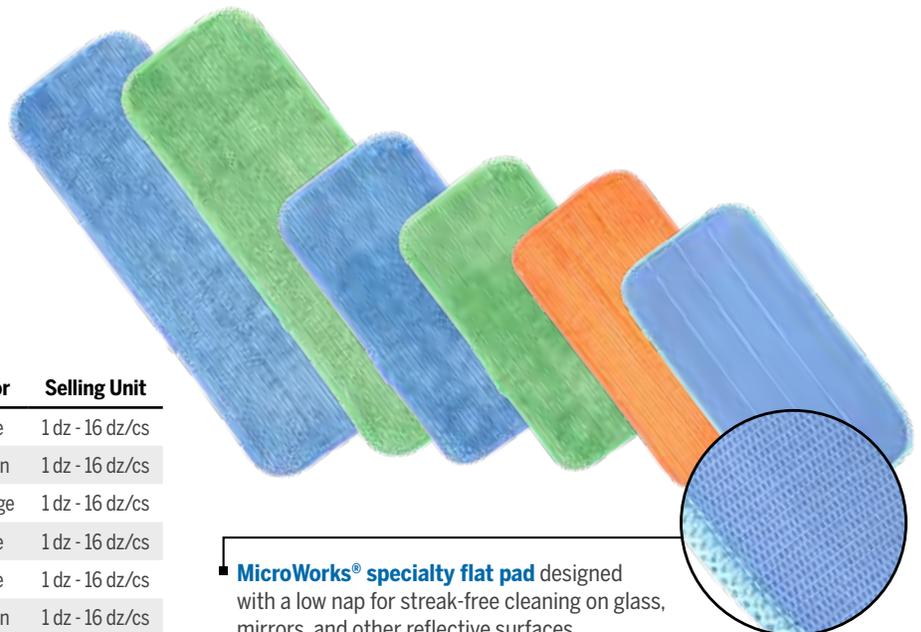


Tennis balls NOT included! ►

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.