



# MICROFIBER SELECTION GUIDE

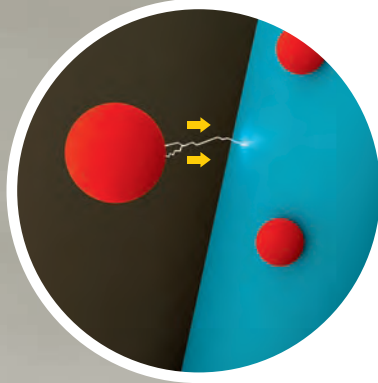


A close-up photograph of a person's hand resting on a folded blue microfiber cloth. The cloth is placed on a light-colored wooden table. The background is slightly blurred, showing a person's arm and torso in a dark shirt. The overall scene is clean and professional, emphasizing the use of microfiber products.

**COMPREHENSIVE**

**MICROFIBER SOLUTIONS**

Rubbermaid Commercial Products offers high-quality and high-efficacy microfiber products that provide effective cleaning performance in any facility.



## **MICROFIBER EDUCATION**

The science behind the power of microfiber and what sets Rubbermaid Commercial Products apart.

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Pages 3–14



## **SURFACE CLEANING**

A comprehensive selection of durable and disposable cloths for any type of facility need.

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Pages 15–22



## **FLOOR CLEANING**

A portfolio of mopping tools and accessories that drive productivity while helping to maintain a high level of clean.

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Pages 23–48



## **PRODUCT CARE**

Laundrying instructions to ensure proper care of microfiber.

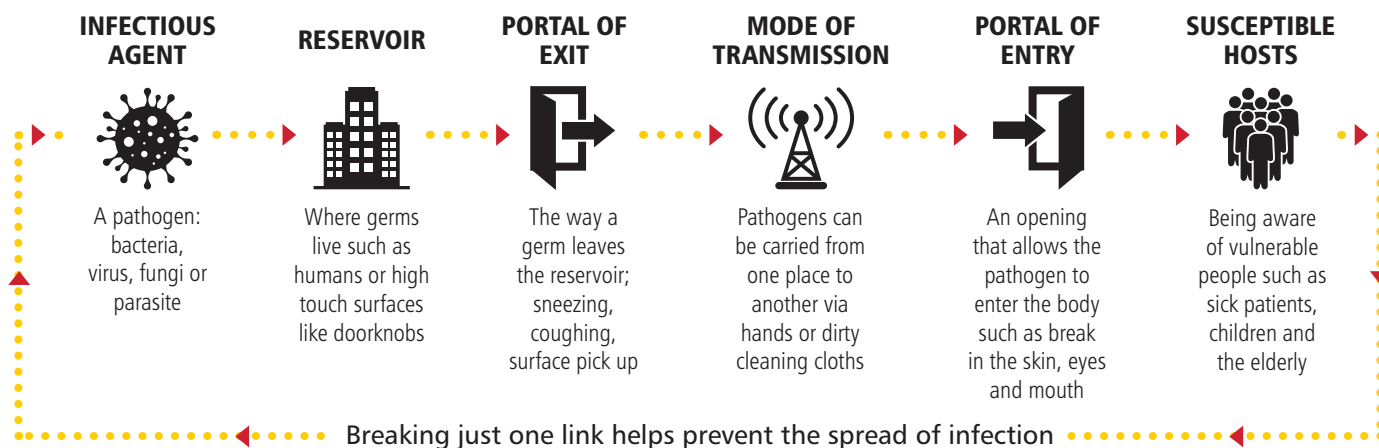
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Pages 49–50



# BREAKING THE CHAIN OF INFECTION

Understanding, and then breaking the chain of infection is critical to helping stop the spread of germs and bacteria.



THE AVERAGE DESK HAS

**400x**<sup>1</sup>

**MORE GERMS THAN A TOILET SEAT**

AVERAGE LIFE EXPECTANCY IS

**48 HOURS**<sup>2</sup>

FOR RESPIRATORY VIRUSES ON SURFACES

**OVER 90%** OF AIRBORNE MICROORGANISMS  
IN BUILDINGS ARE DUE TO  
**RESUSPENSION FROM FLOORS & OTHER SURFACES**<sup>3</sup>

<sup>1</sup>The Independent, "Average desk contains 400x more germs than a toilet seat, new research reveals" | <sup>2</sup>CollegeStats.org, "Bacteria on Campus" | <sup>3</sup>ISSA/CIRI COVID-19 Symposium



## HEALTH AND WELLNESS

Help improve cleaning efficacy by removing 99.7% or more of tested pathogens with water only.<sup>1</sup>



## PRODUCTIVITY

Combine multiple steps with cleaning tools that have been proven to decrease task time and reduce user effort.



## SUSTAINABILITY

Have a positive impact on the environment by reducing water and chemical consumption by up to 95%.<sup>2</sup>



## COST IN USE

High-quality microfiber construction is proven to last up to 500 commercial launderings and up to 200 launderings with bleach.



## IMAGE

The highest quality fibers ensure that surfaces dry quickly without streaks or smudges.



<sup>1</sup>Based on third-party testing on VCT surface with water only | EPA Est. No 92100-CHN-1

<sup>2</sup>Environmental Protection Agency. Environmental Best Practices for Health Care Facilities. Using Microfiber Mops in Hospitals. November 2002. Page 1. Available at: [www.epa.gov/region09/waste/p2/projects/hospital/mops.pdf](http://www.epa.gov/region09/waste/p2/projects/hospital/mops.pdf)





## A LEGACY OF INNOVATION

We lead the industry in durability across the entire microfiber portfolio, delivering the highest cleaning efficacy and high cost-in-use value for any facilities' cleaning needs.



# UNDERSTANDING MICROFIBER

At its most basic, the term "microfiber" refers to a micro, or small, fiber made up of synthetic materials such as polyester, nylon or a combination of the two fibers.

The individual microfibers are knit together to form cleaning tools that are able to trap microscopic particles and liquids within the intricate network of small fibers far more efficiently than larger fibers.

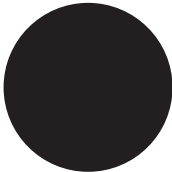
 [View our white paper, "Defining Microfiber: The HYGEN™ Difference"](#)



Unable to be seen by the eye, **one fiber measures less than one denier**, the measurement for the linear weight or mass density of fibers.

## HOW SMALL IS ONE STRAND OF MICROFIBER?

Images below are magnified to demonstrate size comparisons.



HUMAN HAIR



COTTON FIBER



MONOFILAMENT MICROFIBER



BACTERIA



SPLIT-BLENDED MICROFIBER

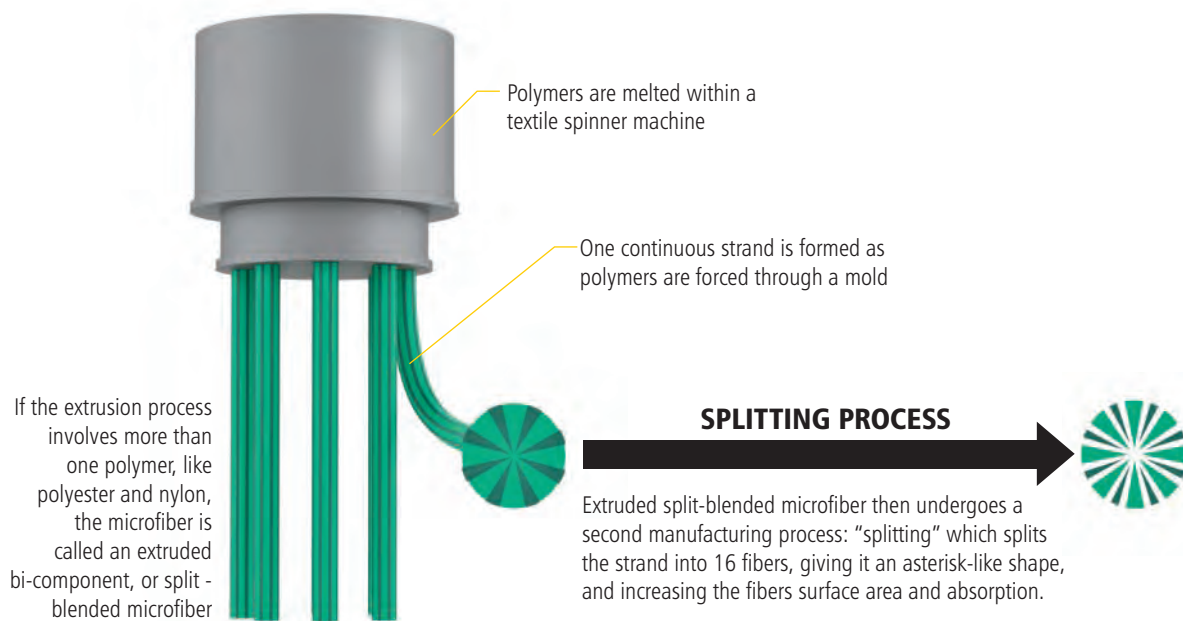


VIRUS



## HOW IS MICROFIBER MADE?

All microfiber begins with extrusion, which is the process of the shaping of a substance by forcing it through a mold.

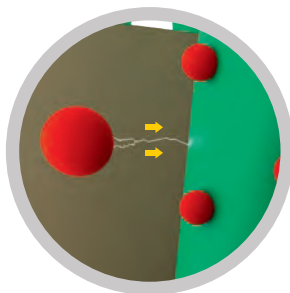


## HOW DOES MICROFIBER WORK?



### MICROSCOPIC FIBERS

Fibers trap microscopic particles, microbes and liquids far more effectively than larger fibers by penetrating into the tiny grooves and crevices on a surface.



### STATIC CHARGE

Most dust, dirt and bacteria have a negative charge and are naturally attracted to the positive static charge of the microfiber.

VS.



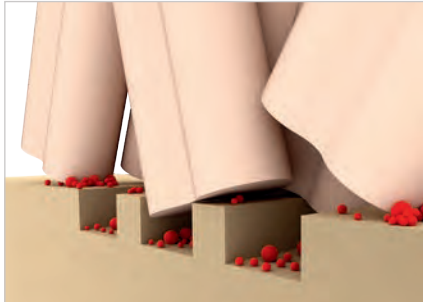
### COTTON FIBERS

Cotton fibers are too large to fit into the tiny grooves and crevices, pushing around particles but not picking them up.



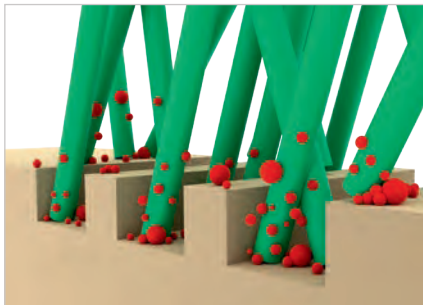
## WHAT'S THE DIFFERENCE

Synthetic polymers are what provide microfiber with some of its defining features, but how many times the fiber is split determines its cleaning performance.



### COTTON

Cotton fibers are too large to clean in crevices where bacteria, spores and viruses hide.



### MONOFILAMENT MICROFIBER

Monofilament fibers are about half the size of cotton and effectively clean in crevices where bacteria, spores and viruses hide.



### SPLIT-BLENDED MICROFIBER

Split-blended microfiber has the smallest fiber size which further increases the surface area of the cloth for a superior clean.







## CLEAN, THEN DISINFECT

The CDC specifically states that “cleaning is the necessary first step in any sterilization or disinfection process”<sup>1</sup> given that disinfectants work most efficiently when they come into direct contact with the microorganisms they are trying to kill<sup>1</sup>.

 [View our White Paper, “Two-Steps for a Reason: the Case for Cleaning Prior to Disinfection”](#)

The physical action of scrubbing removes substantial numbers of microorganisms<sup>1</sup>

When microorganisms are trapped in dirt, then direct contact with disinfectants can't occur<sup>1-2</sup>

Microfibers have sharp edges that remove microbes from surfaces “like a carpenter’s plane, peeling off surface deposits<sup>3</sup>,” that can be missed by disinfectants



One-step cleaner-disinfectants are tested with the U.S. EPA in the presence of only 5% organic matter on surface. However, if a surface exceeds that level, the product will no longer be effective.<sup>4</sup>

## TYPES OF MICROFIBER CLOTHS & PADS

Selecting the best microfiber product for a facility will depend on laundering capabilities, cleaning processes and the surfaces that need to be cleaned.



### DISPOSABLE MICROFIBER

Single-use microfiber is best used in high-risk or high-touch areas, or if laundering is not available.



### DURABLE MICROFIBER

Use a launderable microfiber cloth for routine cleaning, color-coded cleaning and if commercial laundering is available.



### SPECIALTY MICROFIBER

Specialty microfiber is designed for specific uses like glass and mirror cleaning, dry dusting or heavy duty scrubbing for tile and grout.

<sup>1</sup>Centers for Disease Control and Prevention. Guideline for Disinfection and Sterilization in Healthcare Facilities. 2008. Available from: <https://www.cdc.gov/infectioncontrol/guidelines/disinfection/disinfection-methods/chemical.html>

<sup>2</sup>Minnesota Department of Health. Evaluation of Sanitizers and Disinfectants for Surfaces. 2017. Available from: <https://www.health.state.mn.us/communities/environment/risk/docs/guidance/cleaners.pdf>

<sup>3</sup>Micro-fibre and ultra-micro-fibre cloths, their physical characteristics, cleaning effect, abrasion on surfaces, friction, and wear resistance Steinar K. Nilsen, Inger Dahl, Ole Jørgensen, Thomas Schneider

<sup>4</sup>Norwegian Building Research Institute, P.O. Box 123, Blindern, N-0314 Oslo, Norway

<sup>5</sup>National Institute of Technology, P.O. Box 2608, St. Hanshaugen, N-0131 Oslo, Norway

<sup>6</sup>National Institute of Occupational Health, Lersø Parkalle 105, DK-2100 Copenhagen, Denmark Received 25 May 2001; received in revised form 18 August 2001; accepted 3 December 2001

<sup>7</sup>San Francisco Department of the Environment. Safer Practices and Products for Disinfecting and Sanitizing Surfaces. [https://sfenvironment.org/sites/default/files/liers/files/sfe\\_th\\_safer\\_products\\_and\\_practices\\_for\\_disinfecting.pdf](https://sfenvironment.org/sites/default/files/liers/files/sfe_th_safer_products_and_practices_for_disinfecting.pdf)

# NOT ALL MICROFIBER IS CREATED EQUAL

Studies published in peer-reviewed literature have demonstrated significant variability among different microfiber products in terms of absorbency, cleaning efficacy and microbial removal.



## GRAMS PER SQUARE METER (GSM)

A measurement of the weight of a fabric. Higher GSM fabrics are typically thicker, more absorbent and more durable than lower GSM fabrics.



## KNITTING PATTERNS

Knitting patterns impact the overall look and feel of a product and can affect durability, performance and intended use of the product.<sup>1</sup>



## LAUNDERING PERFORMANCE

Products that can withstand the CDC guidelines of using hot water and bleach are more effectively cleaned during laundering to help prevent cross-contamination and re-contamination of surfaces.



## REMOVAL OF HARMFUL PATHOGENS

Third-party testing from an accredited laboratory is a critical step to help ensure products have been confirmed to remove harmful pathogens.



## QUAT BINDING

Quat binding occurs when the common class of disinfectant, quaternary ammonium compounds, binds to product fibers. Quat binding occurs with all split-blended microfiber due to the nylon content, but the binding is significantly less than traditional products made with cotton. Polyester fibers do not bind with quat.

<sup>1</sup>Smith DL, Gillanders S, Holah JT, Gush C. Assessing the efficacy of different microfibre cloths at removing surface micro-organisms associated with healthcare-associated infections. J Hosp Infect 2011; 78(3): 182-6.



## COMPOSITION



### SPLIT-BLENDED MICROFIBER

The percentage of strands successfully split during the splitting process is critical to cleaning performance. Splitting creates 16 separate fibers which increases the surface area to optimize the capture of debris and microbes and absorption of liquids.

### MONOFILAMENT MICROFIBER

While no splitting occurs in monofilament microfiber, it still provides better cleaning performance than cotton. Monofilament microfiber made of 100% polyester is quat safe and often used in disposable products.

## THE HYGEN™ DIFFERENCE



Third-party  
microbe  
removal testing



Split-blended  
microfiber  
products are split  
16 times in  
over 95% of  
the strands



Dedicated  
in-house textiles  
engineer to  
support product  
development



10 unique  
microfiber tests  
performed on all  
products to ensure  
high-quality and  
performance



Laundered  
to industry  
standards using  
CDC guidelines  
of hot water  
and bleach

## HYGEN™ DISPOSABLE MICROFIBER

Single-use microfiber that is proven to remove 99.7% of tested pathogens<sup>1</sup> with water only, including *C. auris*, an often multidrug-resistant fungus found in healthcare settings.

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## HYGEN™ DURABLE MICROFIBER

Premium, 16-split blended microfiber that is proven to remove 99.9%\* of tested pathogens<sup>1</sup> with water only, including *C. auris*.

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## LIGHT COMMERCIAL MICROFIBER

A versatile cleaning cloth for everyday use that has been proven to remove 99.9% or more of tested bacteria<sup>2</sup> with water only.

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## SPECIALTY MICROFIBER

Specially-designed microfiber cloths are constructed to meet the needs of specific tasks, such as glass and mirror cleaning.

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<sup>1</sup>Based on third-party testing on VCT surface with water only. | EPA Est Nos. 91158-IND-1, 91635-VNM-001, 92100-CHN-1  
See pages 19-22 for pathogens tested.

<sup>2</sup>CollegeStats.org, "Bacteria on Campus"

## SURFACE CARE

Viruses, such as influenza, can survive on surfaces and infect a person for up to 48 hours<sup>2</sup>, making it important to clean high-touch surfaces such as doors, tables, light switches and railings on a daily basis.



## SURFACE CARE 101

The Association for Healthcare Environment (AHE) recommends the below best practices to help with optimal environmental cleaning and disinfection.

**1** Clean from the cleanest surfaces in the room to the dirtiest

**2** Clean from the top of the room to the bottom so that microbes and dirt fall to the ground

**3** Wipe in one direction as it helps ensure solution is applied to the entire surface and so that areas are not re-contaminated

**4** Clean from the outside walls of the room to the center of the room

## MAXIMIZE SURFACE CLEANING

The eight-sided fold methodology for microfiber cloths helps maximize surface cleaning, while minimizing the risk of spreading dirt and debris across multiple surfaces.



**1**  
**BEGIN** with open, clean microfiber cloth



**2**  
**FOLD** microfiber cloth in half



**3**  
**FOLD** microfiber cloth in quarters



**4**  
**CLEAN** surfaces with two exposed sides of cloth



**5**  
**OPEN** microfiber cloth once to change sides



**6**  
**REFOLD** to expose two fresh cleaning sides



**7**  
**OPEN** cloth fully once four sides have been used

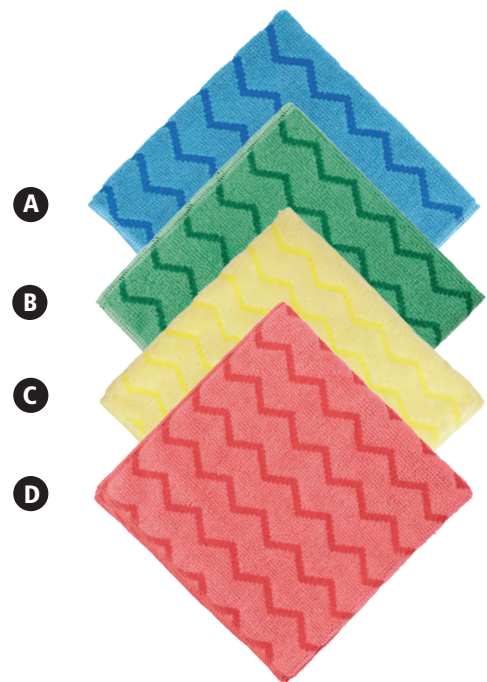


**8**  
**REPEAT** steps 2 through 7 to use all eight sides

## COLOR CODING

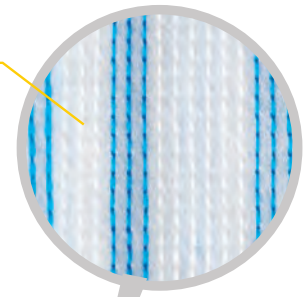
Color is also a visually effective way to prevent cross-contamination.

The below colors are commonly used within different areas of a facility per industry guidelines.



- A** Specialty Areas
- B** General Use
- C** Bathroom
- D** High-Risk Areas

Monofilament Polyester Microfiber



## HYGEN™ DISPOSABLE MICROFIBER CLOTH

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
2134283	HYGEN™ Disposable Microfiber Cloth	Blue	12" × 12"	1 (600ct)
2135007	HYGEN™ Disposable Microfiber Charging Tub	White	7.75" × 7.92" × 7.44"	1 (4ct)



2134283



2135007



### TESTED PATHOGEN REMOVAL\*

<i>Candida auris</i> <i>C. auris</i>	<i>Clostridioides difficile</i> <i>C. diff</i>	Methicillin-resistant <i>Staphylococcus aureus</i> MSRA	<i>Pseudomonas aeruginosa</i>	Feline calicivirus Surrogate for Norovirus FCV	Common human coronavirus OC43
99.99%	99.79%	99.99%	99.99%	99.70%	99.70%
FUNGI	BACTERIA		VIRUSES		

**REMOVES 99.7% OR MORE OF TESTED PATHOGENS<sup>1</sup>**

### WHERE TO USE

- High-risk areas to reduce cross-contamination
- Single-use applications

<sup>1</sup>Based on third-party testing on VCT surface with water only | EPA Est. No 92100-CHN-1  
\*These products have not been tested on SARS-CoV-2, the virus that causes COVID-19.



## HYGEN™ DURABLE MICROFIBER CLOTH

NO.	DESCRIPTION	COLOR	L × W	PACK QTY
FGQ61000YL00	HYGEN™ Microfiber Cloth	Yellow	16" × 16"	12
FGQ62000BL00	HYGEN™ Microfiber Cloth	Blue	16" × 16"	12
FGQ62000GR00	HYGEN™ Microfiber Cloth	Green	16" × 16"	12
FGQ62000RD00	HYGEN™ Microfiber Cloth	Red	16" × 16"	12
FGQ62006GR00	HYGEN™ Microfiber Cloth	Green	16" × 16"	6
FGQ64000GR00	HYGEN™ Microfiber Cloth	Green	20" × 20"	12



FGQ61000YL00



FGQ62000BL00



FGQ62000GR00 /  
FGQ62006GR00 /  
FGQ64000GR00



FGQ62000RD00



500 LAUNDERINGS



200 LAUNDERINGS PER CDC  
GUIDELINES WITH BLEACH



290 GSM

Premium, Split-Blended Microfiber

Built-In Scrubber



## TESTED PATHOGEN REMOVAL\*

<i>Candida auris</i> <i>C. auris</i>	<i>Clostridioides difficile</i> <i>C. diff</i>	Methicillin-resistant <i>Staphylococcus aureus</i> MSRA	<i>Pseudomonas aeruginosa</i>	Feline calicivirus Surrogate for Norovirus FCV	Common human coronavirus OC43	SARS-CoV-2, Omicron Variant <sup>1</sup>
99.99%	99.94%	99.99%	99.99%	99.99%	99.94%	99.99%
FUNGI	BACTERIA		VIRUSES			

**REMOVES 99.9% OR MORE OF TESTED PATHOGENS<sup>1</sup>**

## WHERE TO USE

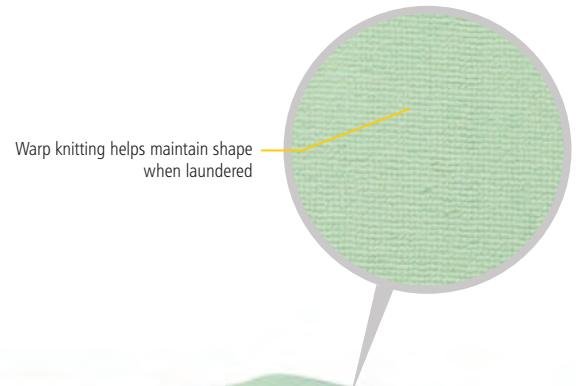
- Heavy-duty cleaning
- General purpose

<sup>1</sup>Based on third-party testing on VCT surface with water only | <sup>1</sup>Lineage B.1.1.529, BEI Resources #NR-56461 | EPA Est. No 91158-IND-1



## LIGHT COMMERCIAL MICROFIBER CLOTH

NO.	DESCRIPTION	COLOR	L × W	PACK QTY
1820577	Light Commercial Microfiber Cloth	Red	12" × 12"	288
1820578	Light Commercial Microfiber Cloth	Green	12" × 12"	288
1820579	Light Commercial Microfiber Cloth	Blue	12" × 12"	288
1820580	Light Commercial Microfiber Cloth	Yellow	12" × 12"	288
1820581	Light Commercial Microfiber Cloth	Red	16" × 16"	288
1820582	Light Commercial Microfiber Cloth	Green	16" × 16"	288
1820583	Light Commercial Microfiber Cloth	Blue	16" × 16"	288
1820584	Light Commercial Microfiber Cloth	Yellow	16" × 16"	288



Warp knitting helps maintain shape when laundered



1820577 / 1820581      1820578 / 1820582      1820580 / 1820584      1820579 / 1820583



200 LAUNDERINGS



100 LAUNDERINGS PER CDC GUIDELINES WITH BLEACH



190 GSM

## TESTED PATHOGEN REMOVAL\*

<i>Candida auris</i>	<i>Clostridioides difficile</i>	Methicillin-resistant <i>Staphylococcus aureus</i> MSRA	<i>Pseudomonas aeruginosa</i>
<i>C. auris</i>	<i>C. diff</i>		
99.99%	99.94%	99.97%	99.99%
FUNGI	BACTERIA		

**REMOVES 99.9% OR MORE OF TESTED PATHOGENS<sup>1</sup>**

## WHERE TO USE

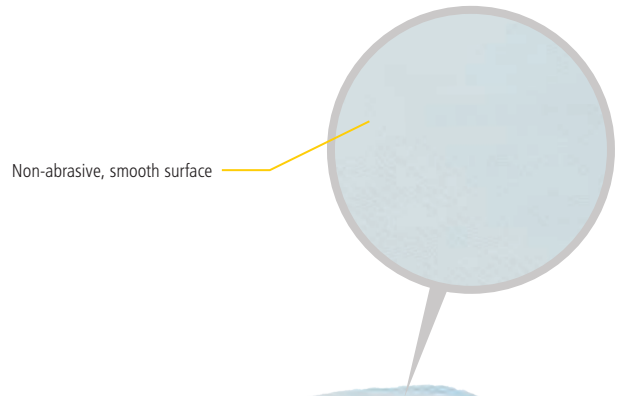
- Light-duty cleaning
- General purpose

<sup>1</sup>Based on third-party testing on VCT surface with water only | EPA Est. No 92100-CHN-1

**SPECIALTY CLOTH**

**HYGEN™ GLASS/MIRROR MICROFIBER CLOTH**

NO.	DESCRIPTION	COLOR	L × W	PACK QTY
FGQ63000BL00	HYGEN™ Glass Microfiber Cloth	Blue	16" × 16"	12



Non-abrasive, smooth surface



FGQ63000BL00



500 LAUNDERINGS



200 LAUNDERINGS PER CDC GUIDELINES WITH BLEACH



290 GSM

**WHERE TO USE**

- Clean glass, mirrors, tablets, stainless steel and more surfaces with no trace of scratches or lint residue left behind

**SPECIALTY CLOTH**

**HYGEN™ FLEXIBLE DUST WANDS**

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ85200WH00	Executive Series™ HYGEN™ Microfiber Flexi-Wand Dusting Sleeve	White	12.3" × 7.0" × 0.7"	6
FGQ85000BK00	HYGEN™ Quick-Connect Flexi-Wand, with Microfiber Dusting Sleeve	Green	28.7" × 3.2" × 1.5"	6
FGQ85100GR00	HYGEN™ Microfiber Flexi-Wand Dusting Sleeve	Green	22.7" × 3.2" × 0.7"	6
FGQ85300WH00	Executive 22" HYGEN™ Multipurpose Flexible Microfiber Duster	White	22.7" × 3.2" × 0.7"	6



FGQ85000BK00



FGQ85200WH00



500 GSM (Green Sleeve)  
1572 GSM (White Sleeve)







## FLOOR CARE

Over 90% of airborne microorganisms in buildings are due to resuspension from floors and other surfaces<sup>1</sup> making floor cleaning important not only to remove dust, dirt and debris, but to disinfect the surface where germs are commonly spread throughout a facility.

<sup>1</sup>ISSA/CIRI COVID-19 Symposium

<sup>2</sup>Based on third-party testing on VCT surface with water only | EPA Est Nos. 91158-IND-1, 91635-VNM-001, 92100-CHN-1  
See pages 29-34 for tested pathogens.



## DUST MOP PADS

Trap and lock away dust, dirt and debris before wet mopping to reduce floor hazing and maintain floor finish.

P. 27–28

## WET MOP PADS

Proven to remove 99.7% or more of tested pathogens<sup>2</sup> and available in disposable and durable options for a variety of applications.

P. 29–34

## HANDLES, FRAMES AND BUCKETS

A variety of options in different shapes and sizes to help meet the floor cleaning needs of any facility.

P. 35–40

## ADAPTABLE FLAT MOP SYSTEM

Wringable mop pads and frame for microfiber mopping in large spaces with existing equipment and accessories.

P. 41–44

## SPECIALTY MOPS

Specially designed to meet the needs of certain tasks, like curved surface cleaning or floor finishing.

P. 45–48



## FLOOR CARE 101

When cleaning floor surfaces, the “figure-8” motion is recommended to prevent cross-contamination and keep track of dirty and already cleaned surface.





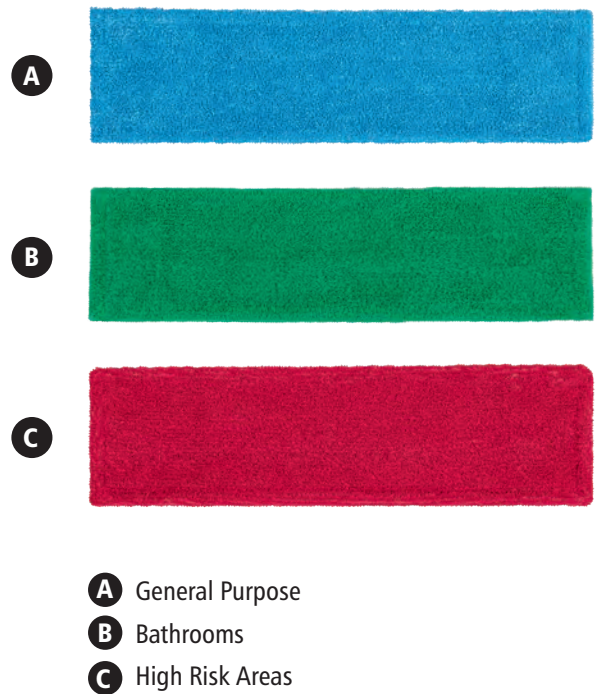
## FLOOR CARE PROCESS

Using the right process when cleaning floors helps prevent cross-contamination throughout a facility and protects floors from damage.

- 1 Check the floor for debris and use a scraper if needed before beginning.
- 2 Use microfiber dust pad and begin dust mopping from the entrance door working backwards. Dust mopping is important to maintain floor finish and shine.
- 3 Place wet floor sign on ground to alert patrons of wet floors, and to help prevent slips and falls.
- 4 Use microfiber mop pad with floor cleaning solution as recommended per chemical specified guidelines.
- 5 Begin mopping at the opposite end of the door or furthest point in room, and use a "figure-8" motion.

## COLOR CODING

Using the same color mop pads as cloths helps to create a consistent approach in avoiding cross contamination.



# DUST MOP PADS

Dusting is an important first step of floor care as it removes dust, dirt and debris prior to wet mopping.

## HYGEN™ DUST PADS

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ41200GR00	HYGEN™ 18" Microfiber Dust Pad	Green	18.5" × 5.5" × 0.5"	12
FGQ41200WH00	HYGEN™ 18" Microfiber Dust Pad	White	18.5" × 5.5" × 0.5"	12
FGQ41800GR00	HYGEN™ 18" Microfiber Dust Pad, Fringe	Green	21.0" × 9.0" × 0.5"	12
FGQ42600GR00	HYGEN™ 24" Microfiber Dust Pad, Fringe	Green	27.5" × 9.0" × 0.5"	12
FGQ43800GR00	HYGEN™ 36" Microfiber Dust Pad, Fringe	Green	40.0" × 9.0" × 0.5"	12
FGQ44900GR00	HYGEN™ 48" Microfiber Dust Pad, Fringe	Green	52.0" × 9.0" × 0.5"	12
FGQ46000GR00	HYGEN™ 60" Microfiber Dust Pad, Fringe	Green	66.5" × 9.0" × 0.5"	12



FGQ41200GR00



FGQ41800GR00



500 LAUNDERINGS



200 LAUNDERINGS PER CDC  
GUIDELINES WITH BLEACH



350 GSM

## LIGHT COMMERCIAL DUST PAD

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ40800GR00	Light Commercial 18" Dust Pad	Green	21.1" × 8.7" × 3.0"	12



FGQ41800GR00



200 LAUNDERINGS



100 LAUNDERINGS PER CDC  
GUIDELINES WITH BLEACH



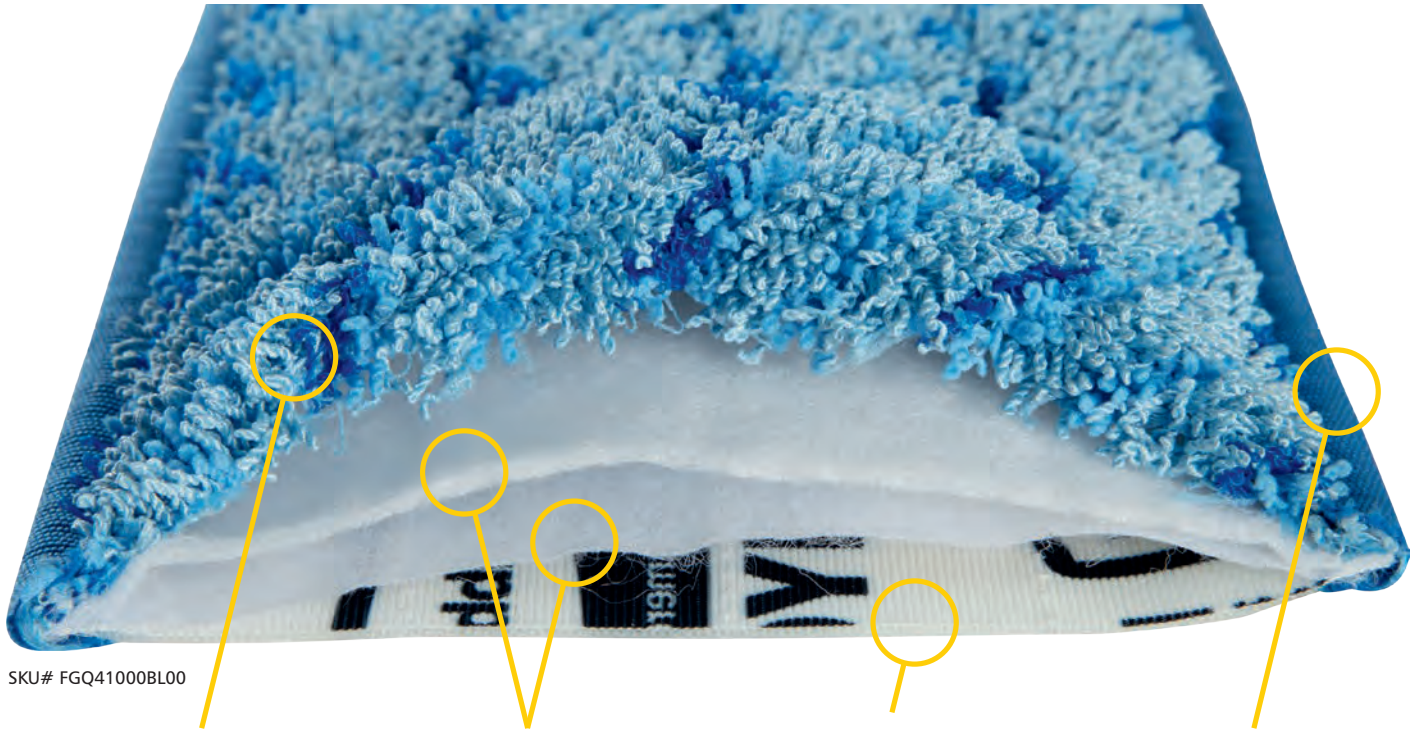
400 GSM





# ANATOMY OF A WET PAD

HYGEN™ Microfiber Wet Mop Pads are constructed of premium **split nylon/polyester blend** microfiber that provides **superior wet mopping performance**.



SKU# FGQ41000BL00

## FACE MATERIAL

- Split microfiber removes 99.7% or more of tested fungi, viruses and bacteria with water alone\*
- Optimized material construction helps clean effectively while allowing the mop pad to glide across floors with less effort
- Bleach resistant to ensure mops can be effectively laundered to help reduce the risk of cross-contamination

*Tested fungi: Candida auris (C. auris)*

*Tested viruses: Feline calicivirus (FCV), SARS-CoV-2 Omicron variant (Lineage B.1.1.529, BEI Resources #NR-56461)*

*Tested bacteria: Clostridioides difficile (C. diff), Methicillin-resistant Staphylococcus aureus (MRSA), Pseudomonas aeruginosa*

## INNER LAYERS

- Absorbent inner layers help hold enough solution to clean up to 250sq feet

## BACKING

- Industry-leading durable backing secures mop to frame to keep mop pad in place while mopping
- Withstands chlorine bleach and extreme heat for superior durability ensuring pad securely attaches to frame throughout the product's life

## EDGE TAPE

- Durable edge helps retain mop shape with use over time, 200 launderings with bleach and 500 launderings without bleach



\*Based on third-party testing on VCT surface with water only | EPA Est. No 91635-VNM-001

# WET MOP PADS

## HYGEN™ DISPOSABLE MICROFIBER PAD

NO.	DESCRIPTION	COLOR	L × W	PACK QTY
2134282	HYGEN™ 18" Disposable Microfiber Pad	Blue	18.0" × 4.8"	1 (150 CT)



2134282



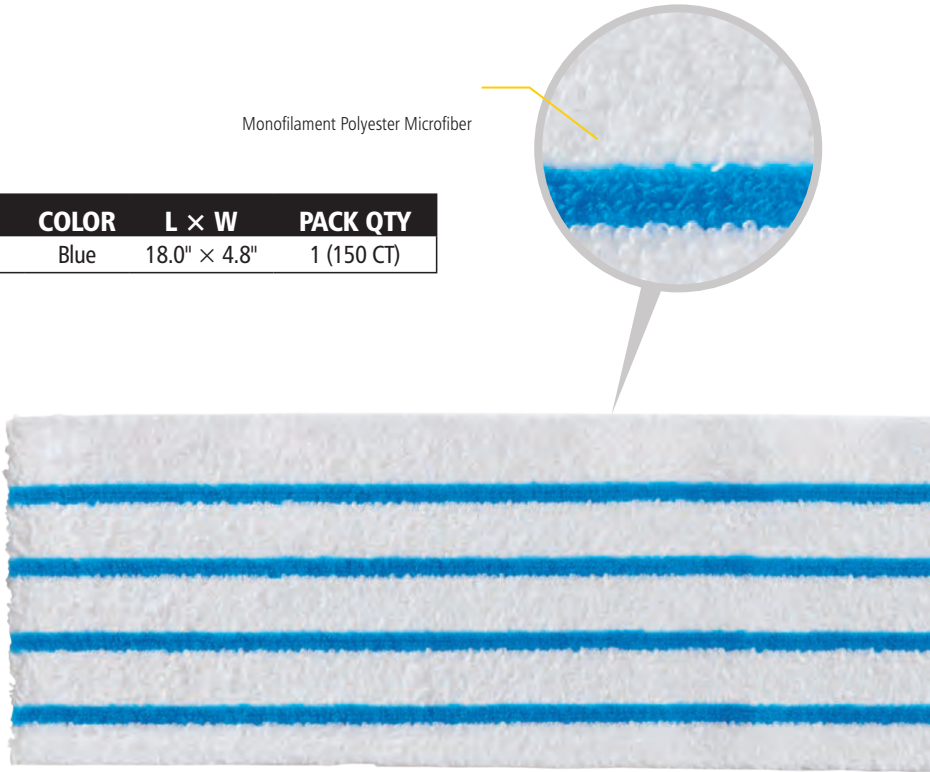
SINGLE-USE ONLY



QUAT SAFE



280 GSM



### TESTED PATHOGEN REMOVAL\*

<i>Candida auris</i>	<i>Clostridioides difficile</i>	Methicillin-resistant <i>Staphylococcus aureus</i> MSRA	<i>Pseudomonas aeruginosa</i>	Feline calicivirus Surrogate for Norovirus FCV	Common human coronavirus OC43
<i>C. auris</i>	<i>C. diff</i>				
99.99%	99.91%	99.99%	99.99%	99.91%	99.99%
FUNGI	BACTERIA		VIRUSES		

**REMOVES 99.9% OR MORE OF TESTED PATHOGENS<sup>1</sup>**

### WHERE TO USE

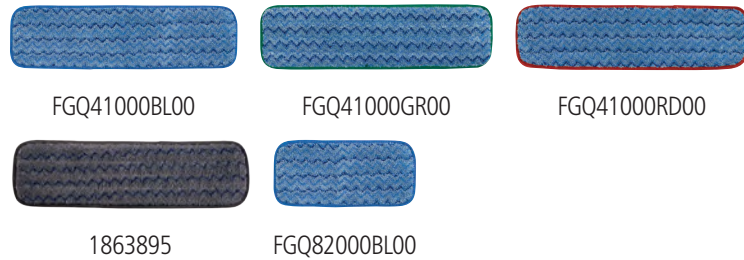
- High-risk areas to reduce cross-contamination
- Single-use applications

<sup>1</sup>Based on third-party testing on VCT surface with water only | EPA Est. No 92100-CHN-1  
\*These products have not been tested on SARS-CoV-2, the virus that causes COVID-19.



## HYGEN™ MICROFIBER WET MOP PAD

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ82000BL00	HYGEN™ 11" Microfiber Wet Pad	Blue	13.0" × 5.2" × 0.5"	6
FGQ41000BL00	HYGEN™ 18" Microfiber Wet Pad	Blue	20.5" × 5.2" × 0.5"	12
FGQ41000GR00	HYGEN™ 18" Microfiber Wet Pad	Green	20.5" × 5.2" × 0.5"	12
FGQ41000RD00	HYGEN™ 18" Microfiber Wet Pad	Red	20.5" × 5.2" × 0.5"	12
1863895	HYGEN™ 18" Microfiber Wet Pad	Gray	20.5" × 5.2" × 0.5"	12
FGQ41100BL00	HYGEN™ 24" Microfiber Wet Pad	Blue	26.0" × 5.2" × 0.5"	12



Built-in scrubbers

Colored edge tape allows quick identification by use or area to help reduce cross-contamination



### TESTED PATHOGEN REMOVAL\*

<i>Candida auris</i> <i>C. auris</i>	<i>Clostridioides difficile</i> <i>C. diff</i>	Methicillin-resistant <i>Staphylococcus aureus</i> MSRA	<i>Pseudomonas aeruginosa</i>	Feline calicivirus Surrogate for Norovirus FCV	Common human coronavirus OC43	SARS-CoV-2, Omicron Variant †
99.99%	99.94%	99.99%	99.99%	99.99%	99.99%	99.99%
FUNGI	BACTERIA			VIRUSES		

**REMOVES 99.9% OR MORE OF TESTED PATHOGENS<sup>1</sup>**

### WHERE TO USE

- Heavy-duty cleaning
- General purpose

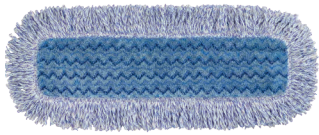
<sup>1</sup>Based on third-party testing on VCT surface with water only | EPA Est. No 91635-VNM-001  
<sup>†</sup>Lineage B.1.1.529, BEI Resources #NR-56461



Unique construction can absorb 24 ounces of liquid

## HYGEN™ MICROFIBER HIGH ABSORBENCY WET MOP PAD

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ41600BL00	HYGEN™ 18" Microfiber High Absorbency Wet Pad	Blue	20.5" × 5.2" × 0.5"	6



FGQ41600BL00

Patented zigzag design adds scrubbing power



500 LAUNDERINGS



200 LAUNDERINGS PER CDC  
GUIDELINES WITH BLEACH



530 GSM

### WHERE TO USE

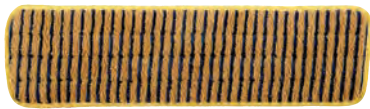
- Heavy-duty cleaning
- Spill clean-ups



**SPECIALTY MOP**

**HYGEN™ MICROFIBER SUPER SCRUBBER WET MOP PAD**

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ81000YL00	HYGEN™ 18" Microfiber Super Scrubber Wet Pad	Yellow	20" × 5.5" × 0.5"	6



FGQ81000YL00



500 LAUNDERINGS



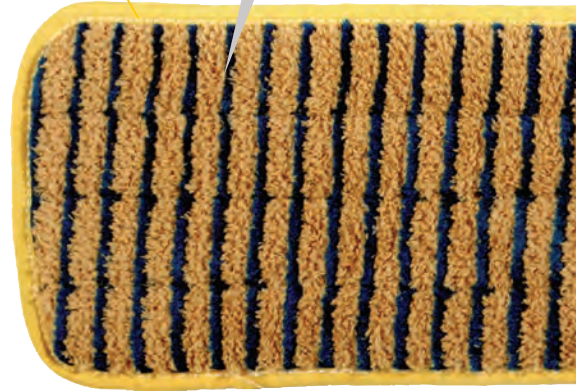
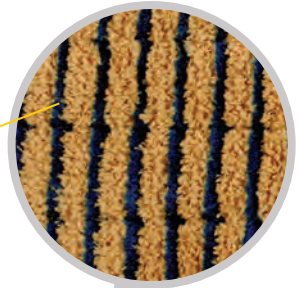
200 LAUNDERINGS PER CDC GUIDELINES WITH BLEACH



700 GSM

Polypropylene scrubber stripes remove stubborn spots

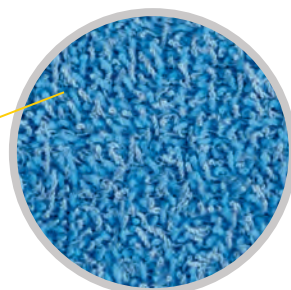
Double finish edges retain mop shape



**WHERE TO USE**

- Tile and grout cleaning

Premium, split-blended microfiber provides excellent cleaning performance

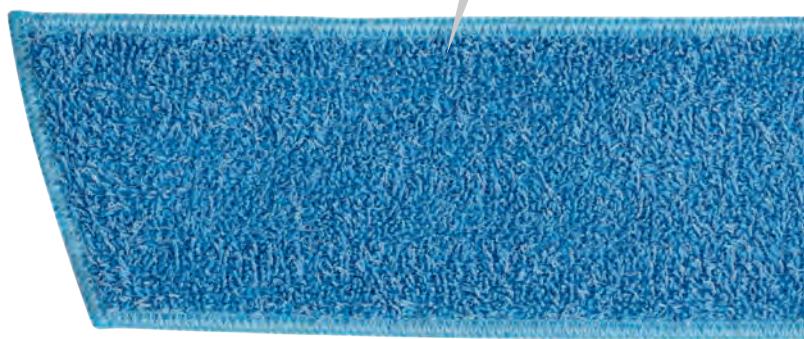


## LIGHT COMMERCIAL MICROFIBER WET MOP PAD

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ40900BL00	Light Commercial 18" Microfiber Wet Mop Pad	White	20.5" × 4.5" × 0.5"	12



FGQ40900BL00



200 LAUNDERINGS



100 LAUNDERINGS PER CDC GUIDELINES WITH BLEACH



400 GSM

## TESTED PATHOGEN REMOVAL\*

<i>Clostridioides difficile</i> <i>C. diff</i>	Methicillin-resistant <i>Staphylococcus aureus</i> MSRA	<i>Pseudomonas aeruginosa</i>	Feline calicivirus Surrogate for Norovirus FCV	Common human coronavirus OC43
99.79%	99.99%	99.99%	99.70%	99.70%
BACTERIA			VIRUSES	

**REMOVES 99.7% OR MORE OF TESTED PATHOGENS<sup>1</sup>**

## WHERE TO USE

- Light-duty cleaning
- General purpose

<sup>1</sup>Based on third-party testing on VCT surface with water only | EPA Est. No 91635-VNM-001

\*These products have not been tested on SARS-CoV-2, the virus that causes COVID-19.





# QUICK-CONNECT HANDLES & FRAMES

## HANDLES

Quick-Connect handles makes cleaning an efficient task in every area of the facility. The unique connection mechanism allows for easy, quick tool exchange.

NO.	DESCRIPTION	COLOR	PACK QTY
FGQ74500YL00	HYGEN™ 20" – 40" Quick-Connect Short Extension Handle	Yellow	6
FGQ75000YL00	HYGEN™ 58" Quick-Connect Straight Handle	Yellow	6
FGQ75500YL00	HYGEN™ 48" – 72" Quick-Connect Straight Extension Handle	Yellow	6
FGQ760000000	HYGEN™ 48" – 72" Quick-Connect Ergo Adjustable Handle	Yellow	6
FGQ76500YL00	HYGEN™ 4' – 8' Quick-Connect Extension Pole	Yellow	6
FGQ74900YL00	Light Commercial 52" Quick-Connect Straight Handle	Yellow	6



Large, comfortable grip provides better stability for cleaning high areas with extension poles.

# FRAMES

Quick-Connect Frames feature a flat profile that slides easily under furniture and equipment. The trapezoidal shape improves cleaning in corners and other hard-to-reach areas.

## HYGEN™ QUICK-CONNECT ALUMINUM FRAME

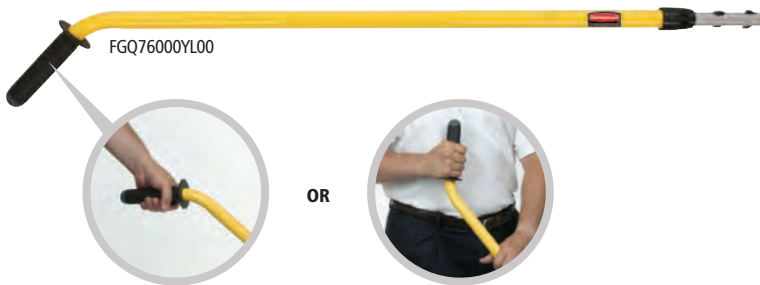
NO.	DESCRIPTION	COLOR	PACK QTY
FGQ55000YL00	HYGEN™ 11" Quick-Connect Frame	Yellow	6
FGQ56000YL00	HYGEN™ 17" Quick-Connect Frame	Yellow	6
1863893	Executive Series™ HYGEN™ 17" Quick-Connect Frame	Black	6
FGQ57000YL00	HYGEN™ 24" Quick-Connect Frame With Squeegee	Yellow	6
FGQ58000YL00	HYGEN™ 35" Quick-Connect Frame	Yellow	6
FGQ59000YL00	HYGEN™ 47" Quick-Connect Frame	Yellow	6
FGQ59500YL00	HYGEN™ 59" Quick-Connect Frame	Yellow	6

## LIGHT COMMERCIAL QUICK-CONNECT FRAME

NO.	DESCRIPTION	COLOR	PACK QTY
FGQ55900BK00	Light Commercial 18" Quick-Connect Frame	Black	6



## ERGONOMIC DESIGN FOR WORKER COMFORT



Can be used in a push/pull "vacuum cleaner" style for comfortable cleaning of large areas.

Uniquely shaped grip and ergonomic bend minimize awkward hand positions when cleaning with a "figure-8" motion.



# SPRAY MOPS

Spray Mopping helps to cover more square feet in less time than traditional mopping systems.



Ergonomic trigger handle evenly dispenses three sprays of cleaner.



Ergonomic trigger handle for comfort.



Unscrew the cap to manually refill or connect to the PULSE™ Caddy hose for automatic refills.



Cartridge holds up to 15 oz of liquid solution, allowing users to clean large areas without having to refill.



Holds up to 21 oz of liquid solution, allowing users to clean up to 850 sq ft without needing a refill.

Lightweight construction for ease of use throughout an entire facility.



**HYGEN™  
PULSE MOP**  
1835528



**LIGHT COMMERCIAL  
SPRAY MOP**  
3486108

## HYGEN™ PULSE™ MICROFIBER SPRAY MOP SYSTEM

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
1835528	HYGEN™ PULSE Microfiber Spray Mop Kit	Yellow	56.0" × 4.9" × 3.8"	1
1863884	Executive Series™ HYGEN™ PULSE Microfiber Spray Mop Kit	Silver	56.0" × 4.88" × 3.75"	1
FGQ96600000	HYGEN™ PULSE Caddy	Blue	14.1" × 8.8" × 10.8"	1

## LIGHT COMMERCIAL MICROFIBER SPRAY MOP

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
3486108	Light Commercial Microfiber Spray Mop	Yellow	52" × 4.5" × 3.5"	1

### WHERE TO USE

- Light-duty cleaning for smaller areas
- Touch-up/quick spill clean-up (no bucket required)

### HYGEN™ PULSE CADDY



Clean up to 10,000 sq ft



## HYGEN™ CHARGING BUCKET

The Charging Bucket charges the microfiber mop pads with cleaning chemicals and is designed to prevent oversaturation. It is compatible with HYGEN™ microfiber mop pads and the HYGEN™ Quick-Connect tools.



**ADD** water and/or cleaning solution to the Charging Bucket. The bucket design features an internal measuring guide to prevent oversaturation.



**PLACE** damp mops in the Charging Bucket with the logo-imprinted side of the mops facing upward. Each bucket holds 20 damp mops.



**SECURE** leak-proof lid to the Charging Bucket by snapping the end and side tabs into place.



**FLIP** the Charging Bucket upside down and leave it upside-down for 5-10 minutes. The mops are now ready to use.

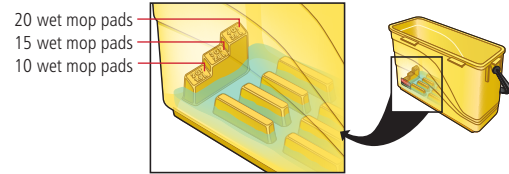


FGQ95088YEL

Designed to fit RCP Cleaning Carts

## REDUCE CROSS-CONTAMINATION

- All-plastic sealable bucket holds 10–20 microfiber wet mop pads and 50 disposable pads
- Each mop holds enough liquid to clean up to 250 sq ft



\*Number of pads

## HYGEN™ MICROFIBER PAD CHARGING BUCKET

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ95088YEL	HYGEN™ Microfiber Pad Charging Bucket	Yellow	23.88" × 9.50" × 13.63"	3
1863892	Executive Series™ HYGEN™ Microfiber Pad Charging Bucket	Gray	23.88" × 9.50" × 13.63"	3
FGQ90088YEL	HYGEN™ Microfiber Pad Press Wring Bucket	Yellow	14.50" × 0.20" × 16.10"	1



FGQ95088YEL



1863892



FGQ90088YEL

# ADAPTABLE FLAT MOP DESIGNED FOR WAVEBRAKE®

The Adaptable Flat Mop Kit is made for ergonomic microfiber mopping in large spaces using your existing WaveBrake® Side-Press Mop Bucket.

Adaptable Flat Mop microfiber pads can be laundered up to 200 times (100 with bleach)



## WAVEBRAKE® COMPATIBILITY, INCREASED PRODUCTIVITY

A new microfiber mopping system that works with your trusted WaveBrake® Side-Press mop bucket.



## BETTER CLEAN WITH LESS EFFORT

Microfiber pad weighs 70% less when fully saturated<sup>†</sup>, reducing user strain.



## MAXIMUM ABSORBENCY

7% more absorbent<sup>\*\*</sup> allowing for greater floor coverage.



## REMOVES BACTERIA & VIRUSES

Microfiber pad removes 99.7% or more of tested viruses and bacteria.<sup>1</sup>



## NO-TOUCH PAD DISPOSAL

Convenient clips help avoid contact with soiled mop pad during disposal.

## THE WRINGABLE MICROFIBER MOPPING SYSTEM

allows you to integrate microfiber mopping into your current cleaning process, using your existing WaveBrake® Mop Bucket, with the benefit of mopping 15% faster.<sup>\*\*</sup>



<sup>\*\*</sup> Based on third party testing vs RCP 24oz Super Stitch Blend Wet Mop

<sup>†</sup> vs. RCP Super Stitch Cotton String Mop.

<sup>1</sup> Tested with water only on VCT surfaces. TESTED VIRUS: Feline Calicivirus (surrogate for Norovirus): 99.94% | TESTED BACTERIA: MRSA: 99.90%, Pseudo: 99.92%, C.diff: 99.94%. Not tested on SARS-CoV-2, the virus that causes COVID-19. EPA Est. No 92100-CHN-1.



# ADAPTABLE FLAT MOP FRAME



## TESTED PATHOGEN REMOVAL\*

<i>Clostridioides difficile</i> <b>C. diff</b>	Methicillin-resistant <i>Staphylococcus aureus</i> <b>MSRA</b>	<i>Pseudomonas aeruginosa</i>	Feline calicivirus Surrogate for Norovirus <b>FCV</b>
99.94%	99.90%	99.92%	99.94%
BACTERIA			VIRUS

**REMOVES 99.7% OR MORE OF TESTED PATHOGENS<sup>1</sup>**

\*Versus RCP Large Cotton Mop

**Tested Virus:** Feline Calicivirus | **Tested Bacteria:** Clostridioides difficile (C. diff), Methicillin-resistant Staphylococcus aureus (MRSA), Pseudomonas aeruginosa  
Not tested on SARS-CoV-2, the virus that causes COVID-19.

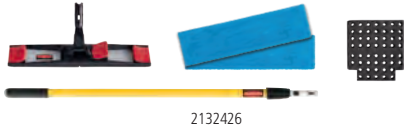


## ADAPTABLE FLAT MOP SOLUTIONS

Select a pre-made kit (option 1) or create your own customizable kit (option 2).

### PRE-MADE KIT (OPTION 1)

NO.	DESCRIPTION	PACK QTY
2132426	Adaptable Flat Mop Kit Designed for WaveBrake®	1



\*Kit contains (1) Frame, (2) Blue Mop Pads, (1) Wringer Insert, (1) 48"–72" Adjustable Handle

### CUSTOMIZABLE KIT (OPTION 2)

Select from: Wringer Insert, Frame, Mops Pads, Quick-Connect Handles, and WaveBrake® Mop Buckets.

#### WRINGER INSERT AND FRAME

NO.	DESCRIPTION	PACK QTY
2132425	Adaptable Flat Mop Wringer Insert Designed for WaveBrake®	12
2132428	Adaptable Flat Mop 18" Frame Designed for WaveBrake®	12



#### MOP PADS

NO.	DESCRIPTION	PACK QTY
2132427	Adaptable Flat Mop Microfiber 18" Pad, Blue	12
2132431	Adaptable Flat Mop Microfiber 18" Pad, Green	12
2132423	Adaptable Flat Mop Microfiber 18" Pad, Red	12



#### QUICK-CONNECT HANDLES

NO.	DESCRIPTION	PACK QTY
FGQ75500YL00	HYGEN 48" – 72" Quick-Connect Straight Extension Handle, Yellow	6
FGQ74500YL00	HYGEN 20" – 40" Quick-Connect Short Extension Handle, Yellow	6
FGQ75000YL00	HYGEN 58" Quick-Connect Handle, Yellow	6



#### WAVEBRAKE® MOP BUCKETS

NO.	DESCRIPTION	PACK QTY
FG758088YEL	WaveBrake® 35 QT Side Press Bucket and Wringer, Yellow	1
2031764	WaveBrake® 35 QT Side Press Bucket and Wringer with Drain, Yellow	1
FG618688YEL	WaveBrake® 44 QT Side Press Bucket and Wringer with Drain, Yellow	1







**SPECIALTY MOPS**

# HYGEN™ FLEXI-FRAME CLEANING

Flexible mop frame conforms to the shape of the surface being cleaned. Use hand-held or with HYGEN™ Quick-Connect handles and extension poles.



### INNOVATIVE DESIGN

Patent-pending internal structure maintains consistent pressure on the surface being cleaned, even at the edges, and flexes back to original shape.

## HYGEN™ FLEXI-FRAME

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ85500BK00	HYGEN™ Flexi-Frame	Black	13.1" × 5.4" × 0.8"	6



FGQ85500BK00

### WHERE TO USE

- Curved surfaces
- Specialty cleaning

### MICROFIBER FLEXI-FRAME DUST PAD

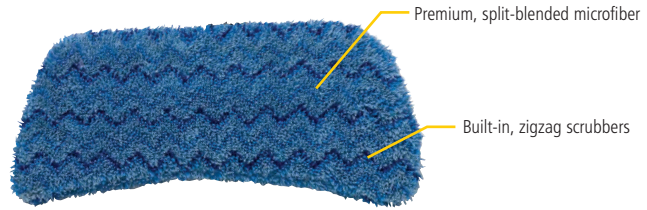
Ideal for picking up fine dust and debris and for dry use only.



NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ85600GR00	HYGEN™ Flexi-Frame Dust Pad	Green	8.9" × 5.9" × 0.3"	12

### MICROFIBER FLEXI-FRAME MOP PAD

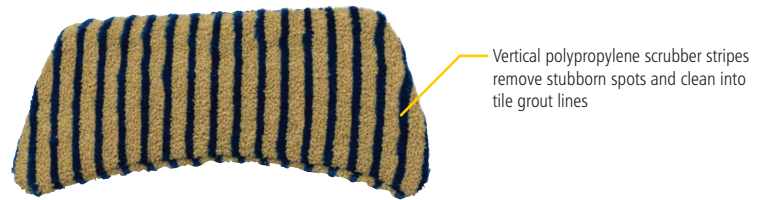
Ideal for wet floor care around corners and small areas.



NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ89100BL00	HYGEN™ Flexi-Frame Wet Pad	Blue	8.9" × 5.9" × 0.3"	12

### MICROFIBER FLEXI-FRAME SCRUBBING PAD

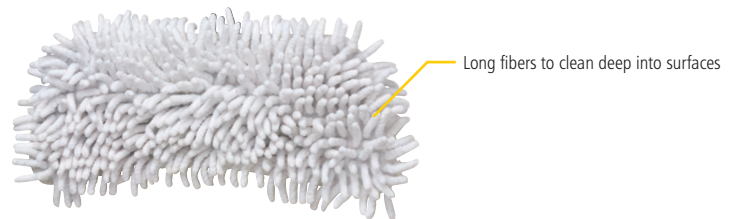
Ideal for scrubbing floors and hard to clean surfaces.



NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ88100YL00	HYGEN™ Flexi-Frame Scrubbing Pad	Yellow	8.9" × 5.9" × 0.3"	12

### MICROFIBER FLEXI-FRAME HI-PILE PAD

Great for dust-collecting areas like crown molding and crevices.



NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ86100WH00	HYGEN™ Flexi-Frame Hi-Pile Pad	White	8.9" × 5.9" × 0.3"	12

### MICROFIBER FLEXI-FRAME GLASS PAD

Specially designed for streak-free glass cleaning.



NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ87100BL00	HYGEN™ Flexi-Frame Glass Pad Cover	Blue	8.9" × 5.9" × 0.3"	12

**SPECIALTY MOPS**

# FLOW™ SYSTEM

High-capacity backpack and handle system allows user controlled release of solution for more efficient floor finishing.



## FLOW FINISHING SYSTEMS

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ97900YL00	FLOW Flat Mop Finish Kit	Yellow	56.0" × 9.7" × 3.7"	1



**SPECIALTY MOPS**

# FINISH MOP SYSTEM

The Flat Mop Finish System helps ensure controlled absorption and release of finishing solution for optimal floor care.

## FLAT MOP FINISH BUCKET

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ93000BLUE	Flat Mop Finish Bucket, With Wringer	Blue	14.7" × 26.2" × 16.2"	1

## FLAT MOP FINISH PAD

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ80000WH00	Nylon Flat Mop Finish Pad	White	18" × 5.5" × 0.5"	6

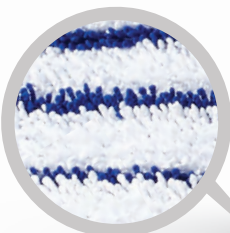


FGQ80000

## MICROFIBER FINISH KIT

NO.	DESCRIPTION	COLOR	L × W × H	PACK QTY
FGQ05000000	Microfiber Finish Kit*	Blue	18" × 5.0" × 0.5"	1

\*Kit contains Quick-Connect Frame (1), Bucket with Lid (1), Sieve (1), Microfiber Finish Pads (8)



Nylon Flat Mop Pads are designed to provide the smoothest finish application.



Resealable Finish Bucket keeps finish fresh until the next job, saving clean-up time.

Delivers 200–300 sq ft of coverage with a single mop load of finish solution





## PRODUCT CARE

Please reference CDC guidelines for laundering and cleaning microfiber cloths and pads as it is essential to ensuring the life span and efficacy of the fibers.

## GETTING STARTED:

- 
**CLEAN** the laundry machines daily, before the first use.
- 
**SEPARATE** microfiber cloths and mops from other textiles.
- 
**WASH** microfiber cloths and mops in the Mesh Laundry Net to manage inventory.
- 
**DETERMINE** detergent and maximum load size using chart below.\*

## DETERGENT AND LOAD SIZE BY MACHINE

WASHER SIZE	MAX VOLUME	DETERGENT LOAD**	18" MOPS PER LOAD
60 lb	71.8 gal	1.5 oz	130
81.6 lb	97.8 gal	2.0 oz	175
101.4 lb	121.3 gal	2.5 oz	220
125 lb	150.6 gal	3.1 oz	270
141.4 lb	169.6 gal	3.5 oz	305
174.8 lb	201 gal	4.5 oz	375

## LAUNDRY INSTRUCTIONS



### COMMERCIAL WASHING: HOT WATER METHOD

- Wash in hot water (160°F/71°C) for 25 minutes<sup>1</sup>
- Use detergent and load size by machine guide to select appropriate capacity setting
- Use bleach if necessary



### COMMERCIAL WASHING: COLD WATER METHOD

- Wash in cold water
- Use detergent and load size by machine guide to select appropriate capacity setting
- Bleach is required at 50-150ppm<sup>2</sup>



### COMMERCIAL DRYING

- Dry cloths and mops on low heat (130°F/54°C) setting
- Store dry cloths and mops in clean Rubbermaid Cube Truck



### REQUIRED CARE

- Do not store cloths and mops in a washing machine overnight
- Do not use fabric softener in the wash cycle
- Do not use dryer sheets in the dry cycle
- Do not wash cloths and mops with other textiles

## TRANSPORTATION



### CONTAMINATED TEXTILES

- Don personal protective equipment (PPE) before transferring soiled textiles into laundry machine
- Handle contaminated textiles carefully to avoid agitation
- Sort soiled microfiber from other textiles at the point of contamination using the Mesh Laundry Net
- Transport soiled textiles to the laundry with black Cube Truck with Cover



OR



### CLEAN TEXTILES

- Remove dry textiles from the dryer immediately
- Transport clean textiles in a properly cleaned blue Cube Truck with Cover or X-Cart with Cover
- Store clean textiles for only short periods of time. Wrap clean textiles for long-term storage
- Distribute textiles back into facility

\*Machine settings can be established by chemical provider.  
\*\*Represents 1/2 the average manufacturer's detergent recommendation. Using full amount of detergent can result in hazy floors.

Always follow the protocol as directed by your facility manager.  
<sup>1</sup>Per CDC Guidelines for healthcare facilities.  
<sup>2</sup>Follow manufacturer instructions for bleach use.





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RCP1680  
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To see our complete range of microfiber solutions, visit our online catalog at [RubbermaidCommercial.com](https://www.RubbermaidCommercial.com)