



Quality Tools for Smart Cleaning

SMARTCOLOR MICROWIPES

GRADING SYSTEM (Patent Pending)

3 DIFFERENT GRADES OF MICROFIBER CLOTH

- **Guidelines** for choosing the right microfiber for the right task
- **Optimize** your return on investment (ROI) by purchasing the best grade for your needs
- **Best quality** microfiber available in each grade



MicroWipe 4000
Heavy Duty Microfiber



MicroWipe 2000
Medium Duty Microfiber



MicroWipe 500
Light Duty Microfiber

NEW

Each cloth has a grading label

All grades are available in 4 colors
as part of the Unger SMARTCOLOR
CLEANINGSYSTEM



THE FUTURE OF CLEANING... NOW IN COLOR

What is Microfiber

Simply put, microfiber is one of the most important developments in cleaning technology in years. Microfiber cloths can help you lower the risk associated with harmful contaminants and improve your facility's image at the lowest possible cost and reduce occupant complaints.

As the name states, fibers are repeatedly split in the manufacturing process to make microfibers. Microfibers are knitted into a soft, reusable cleaning tool that is 30 times finer than cotton. The microfiber's cleaning surface is packed with filaments that trap soil, remove bacteria and absorb moisture for streak-free cleaning.



Why MicroWipes are Better Cleaning Tools

The microfiber dislodges and grabs fine particles and oils resident in the crevices of a cleaning surface. Cloths, sponges and scrub pads can't reach these tiny pores and indentations, which are invisible to the naked eye. These conventional cleaning tools often just redistribute dirt, creating dust (and more work!) leaving behind chemical residues and odor-causing bacteria.

Each Unger MicroWipe has double-stitched edges, creating a durable piping that withstands repeated washing cycles and the toughest cleaning applications. Wet or dry, it's a powerful tool: it absorbs over seven times its weight in water and even collects fine dust through static charge when used dry.



More Effective

Laboratory tests show that microfibers reduce surface debris and lower bacteria levels by over 96%. Mold, bacteria and soil are removed and captured thanks to its unique construction.

Less Environmental Impact

The US Green Building Council specifies microfiber products as part of their standards because they conserve water, reduce the use of disposable products and require fewer harsh chemicals.

Greater Worker Efficiency and Health

Microfiber tools require less chemicals to clean effectively; the reduced usage means less exposure and fewer allergic reactions and illnesses for workers. The superior performance of the cloths reduces cleaning times and results in less strain in everyday tasks.



Microfiber Benefits

- Reduced chemical usage
- Increased productivity
- Fewer allergic reactions
- Color coded to reduce cross contamination
- Cleans many surface types
- Reusable, environmentally friendly
- Lower annual cost
- Conserves water usage
- Can be used wet, dry or damp
- Reduced worker fatigue
- Longer lasting through wash cycles
- Superior cleaning performance
- Bacteria-reducing properties
- Superior absorbency
- Ideal for cleaning, dusting or polishing

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Why a Grading System

The range of cleaning products that microfiber may be used for is dictated by many qualities, including fiber thickness, length, finishing, abrasiveness, absorbency, cloth dimension, edging and quality manufacturing techniques. Unger has established several performance factors that have been tested, measured and validated by ASTM independent laboratories and other US standard industry tests. This criteria is designed to assist end users in the selection process when purchasing microfiber cloths.

The Unger grading system has been established for new and existing customers of microfiber cloths to measure the difference in textile quality, durability, construction characteristics and cleaning performance before making an investment in quality cleaning tools. The Unger grading system allows consumers to compare the many different types of microfiber cloths on the market today and select a cloth that is best suited for the unique requirements of your facility.

Industry Usage Guidelines

Unger MicroWipe	4000	1000	500
Healthcare	✓	✓	
Education		✓	✓
Office Buildings		✓	✓
Food Service	✓	✓	
Manufacturing	✓	✓	

Microfiber Buying Guide

Specifications

Usage

MicroWipe 4000 Heavy Duty

- Durability** 4000
- Scrub Factor** 38 (Abrasiveness)
- Absorbency* 1700ml or 5.2oz
- Wash Cycles 1500

- Highest quality grade textile
- Manufactured to withstand excessive commercial washing cycles
- Designed for facilities that clean in multiple shifts and 7 days a week
- Industrial soil loads – oils, dry dust, embedded soils
- Extended product life cycle – lower long term cost
- Maximum absorbency

MicroWipe 2000 Medium Duty

- Durability** 2000
- Scrub Factor** 36 (Abrasiveness)
- Absorbency* 1400ml or 4.4oz
- Wash Cycles 1000

- Medium absorbency and mechanical action for general purpose cleaning
- Hand or Normal Wash / Dry Cycles
- Designed for 5 day a week cleaning operations
- Multipurpose surface applications
- Medium duty soil levels
- Average life cycle

MicroWipe 500 Light Duty

- Durability** 500
- Scrub Factor** 34 (Abrasiveness)
- Absorbency* 1100ml or 3.3oz
- Wash Cycles 500

- Light duty soil levels
- Good choice for daily dusting tasks
- Least aggressive mechanical action
- Shorter product life cycle than medium and heavy duty

Test Descriptions

• Durability (Wear Cycles)**

The higher the factor, the greater number of times the microfiber cloth can be moved across an abrasive surface before wearing through and degrading or developing holes.

• Scrub Factor (Abrasiveness)**

The higher the scrub factor, the better the performance of the cloth in removing dirt and bacteria from surfaces and microscopic crevices.

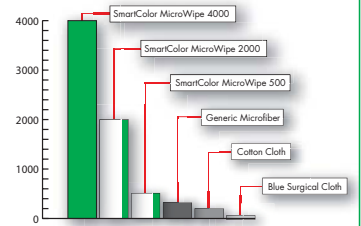
• Absorbency*

The higher the factor, the more liquid the cloth will absorb and hold.

• Wash Cycles

A higher number of wash cycles indicates the longevity of the cloth through machine wash and dry cycles before deteriorating.

Durability



Independent laboratory tests demonstrate the useful life of an Unger MicroWipe vs. a generic microfiber cloth, cotton cloth or huck (blue surgical cloth).

** ASTM Tests * Standard US Industry Tests

Unger's SmartColor System

Unger's MicroWipes are part of our SmartColor Cleaning System that combines superior technology with the productivity and sanitation benefits of visual coding. Workers can use red MicroWipes in the restroom, green in the kitchen and foodservice areas, yellow in specialty areas and blue for general and light office cleaning — cleaning managers can customize a color code system for the unique needs of their facility. The color coding system reduces cross-contamination, improves performance and leads to cleaner facilities.



RESTROOM



SPECIALTY



FOODSERVICE



GENERAL

Colors Available:



SmartColor MicroWipe 4000 Heavy Duty

Item	Product #	Size	Case Qty	Unit Price	Case price
Red	MF40R	16x15" / 40x38 cm	10	\$4.34	\$43.30
Yellow	MF40J	16x15" / 40x38 cm	10	\$4.34	\$43.30
Green	MF40G	16x15" / 40x38 cm	10	\$4.34	\$43.30
Blue	MF40B	16x15" / 40x38 cm	10	\$4.34	\$43.30
Yellow/Red*	MF40Y	16x15" / 40x38 cm	10	\$4.34	\$43.30

* For restroom use

SmartColor MicroWipe 2000 Medium Duty

Item	Product #	Size	Case Qty	Unit Price	Case price
Red	MB40R	16x16" / 40x40 cm	15	\$3.34	\$50.10
Yellow	MB40J	16x16" / 40x40 cm	15	\$3.34	\$50.10
Green	MB40G	16x16" / 40x40 cm	15	\$3.34	\$50.10
Blue	MB40B	16x16" / 40x40 cm	15	\$3.34	\$50.10

SmartColor MicroWipe 500 Light Duty

Item	Product #	Size	Case Qty	Unit Price	Case price
Red	MC40R	16x16" / 40x40 cm	20	\$2.34	\$46.80
Yellow	MC40J	16x16" / 40x40 cm	20	\$2.34	\$46.80
Green	MC40G	16x16" / 40x40 cm	20	\$2.34	\$46.80
Blue	MC40B	16x16" / 40x40 cm	20	\$2.34	\$46.80

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