

**Reduce Bacteria
Up to 96%**



Quality Tools for Smart Cleaning™



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MicroWipe™ Microfiber Grading System

Professional Grade for High Performance Cleaning

ungerglobal.com

Reduce Risk with MicroWipe™ Microfiber Cloths

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. Microfiber can reduce surface debris and lower bacteria levels by 96% because its unique construction removes and captures mold, bacteria and soil.

SmartColor™ Cleaning with MicroWipes™

Unger's MicroWipes™ are part of our SmartColor™ Cleaning System that combines superior technology with the productivity and sanitation benefits of visual coding.

The color coding system reduces cross-contamination, improves performance and leads to cleaner facilities.

RESTROOMS
HIGH-BACTERIA AREAS

SPECIALITY AREAS
LABORATORIES/GYMNASIUMS

BREAK ROOMS/KITCHENS
FOOD SERVICE AREAS

GENERAL AREAS
LOW-RISK BACTERIA AREAS
OFFICES/LOBBIES/CLASSROOMS



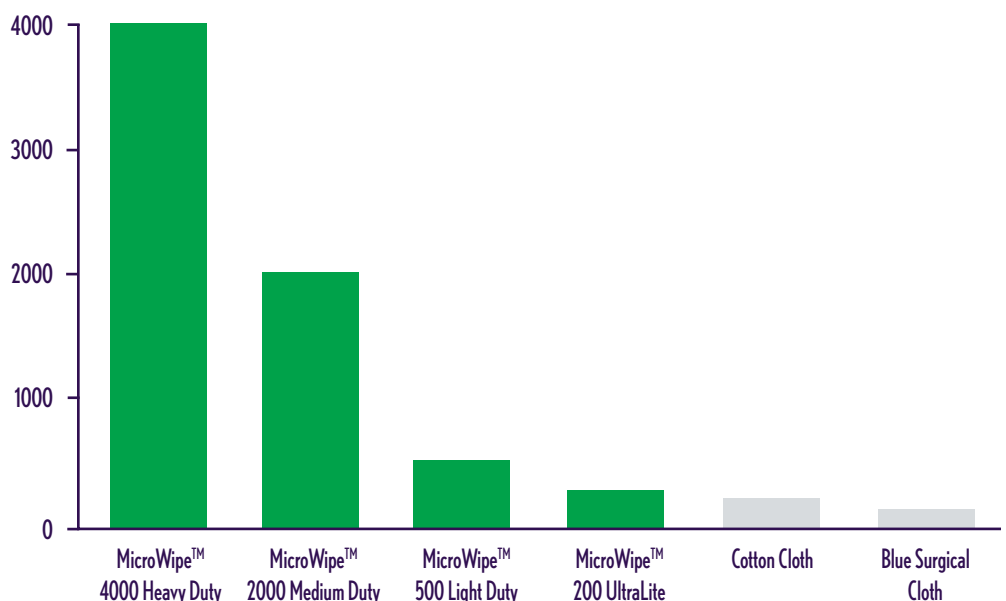
Putting Microfiber to the Test

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.

- **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 Testing

Independent laboratory tests demonstrate the useful life of an Unger MicroWipe™ vs. cotton cloth and blue surgical cloth (huck).



*Standard US Industry Test **ASTM Tests

MicroWipe™ Grading System

The MicroWipe™ Grading System has been established to measure the difference in textile quality, durability, construction characteristics and cleaning performance.

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.



SPECIFICATIONS

USAGE

MicroWipe™ 4000 Heavy Duty

Durability^{**}: 4000
Wash Cycles: 1500
Scrub Factor^{**}: 38 (Abrasiveness)
Absorbency^{*}: 1700 ml or 5.2 oz

- Highest quality superior-grade textile
- Designed for facilities that clean in multiple shifts and seven days a week
- Cleans industrial soil loads - oils, dry dust, embedded soils
- Extended product life - lower long-term cost
- Maximum absorbency
- Manufactured to withstand heavy-duty commercial washing cycles

MicroWipe™ 2000 Medium Duty

Durability^{**}: 2000
Wash Cycles: 1000
Scrub Factor^{**}: 36 (Abrasiveness)
Absorbency^{*}: 1400 ml or 4.4 oz

- Medium absorbency for general-purpose cleaning
- Designed for 5-day-a-week cleaning operations
- Multipurpose surface applications
- Cleans medium-duty soil loads
- Average product life
- Hand or normal wash/dry cycles

MicroWipe™ 500 Light Duty

Durability^{**}: 500
Wash Cycles: 500
Scrub Factor^{**}: 34 (Abrasiveness)
Absorbency^{*}: 1100 ml or 3.3 oz

- Good choice for daily dusting tasks
- Least aggressive mechanical action
- Shorter product life than Medium and Heavy Duty

MicroWipe™ 200 UltraLite

Durability^{**}: 200
Wash Cycles: 200
Scrub Factor^{**}: 39 (Abrasiveness)
Absorbency^{*}: 1700 ml or 5.2 oz

- Cleans light-duty soil loads
- Dry/damp dusting tasks
- Shortest product life cycle
- Maximum absorbency

**Standard US Industry Test **ASTM Tests*

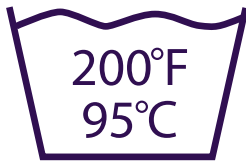
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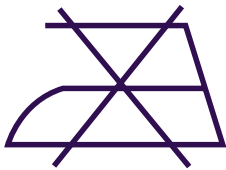
MicroWipe™ Product Care Labels

Care labels provide helpful information that can save you time and money. Cleaner, fresher microwipe cloths results in longer usage life and ensure a quality clean. There are four care categories:



Water Temperature

Wash the microfiber cloth in water no warmer than 200 degrees (95 Celsius).



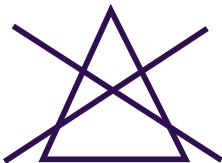
Ironing

DO NOT iron the microfiber cloth. The heat will melt the fabric and make the cloth unusable.



Drying

Tumble dry the microfiber cloth in LOW HEAT.



Bleaching

No bleach product should be used including detergents with bleach. No fabric softener or dryer sheets.



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