Smart Rags

50 count, 12” x 12” • 18 gram • 200 GSM

Each SmartRags® dispenser box contains 50 12”x12” microfiber rags with precision-cut seamless edges. Smaller and more compact than regular microfiber cloths, SmartRags are ideal janitorial supplies for utility carts, corporate supply rooms, automotive shops, and break rooms. SmartRags are even less expensive than regular microfiber cloths, making them ideal for high-loss environments, such as:

Industrial and automotive shops need better lint-free options to wipe away heavy grime and oil.

Office environments value our compact, consumer-friendly packaging. Employees are also prone to wipe-and-toss rather than launder cloths.

Healthcare facilities are hyper-sensitive to Hospital Acquired Infections (HAIs), so cloths are often discarded after one use.

Household tasks are no match for SmartRags. Keep a box in the garage, under the sink, and with cleaning products to tackle everyday spill removal, dusting, and oily grime removals.

These microfiber cloth cleaning products are easily color coded, which helps reduce the threat (and perception) of cross contamination.

Details

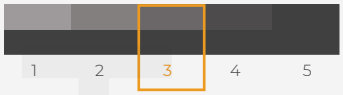
Part Number	GSM	Grams/Piece	Color	Size/Inches	Packing	Case Dimensions (inches)	Case Weight	UPC
M950B	180	20	Blue	12x12	8 BOXES/CASE	25" x 13" x 13"	19.5 lbs	764950-82050-6
M950BLK	180	20	Black	12x12	8 BOXES/CASE	25" x 13" x 13"	19.5 lbs	764950-83621-7
M950G	180	20	Green	12x12	8 BOXES/CASE	25" x 13" x 13"	19.5 lbs	764950-82051-3
M950P	180	20	Hot Pink	12x12	8 BOXES/CASE	25" x 13" x 13"	19.5 lbs	764950-83620-0
M950R	180	20	Red	12x12	8 BOXES/CASE	25" x 13" x 13"	19.5 lbs	764950-82052-0
M950W	180	20	White	12x12	8 BOXES/CASE	25" x 13" x 13"	19.5 lbs	764950-82054-4
M950Y	180	20	Yellow	12x12	8 BOXES/CASE	25" x 13" x 13"	19.5 lbs	764950-82053-7

Technical Specifications

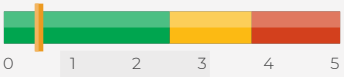
Pass · Acceptable · Fail

Color Fastness to Washing
3

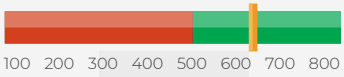
Color Fastness to Rubbing
3



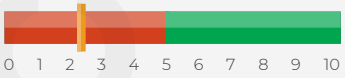
Absorption Speed
<1 s



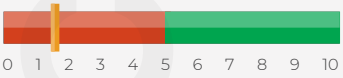
Total Absorption
647%



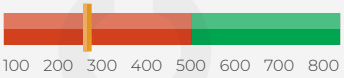
Shrinkage after Washing
MD 2.1%



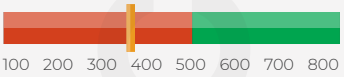
Shrinkage after Washing
CD 1.5%



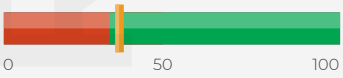
Tensile Strength
MD 290.5



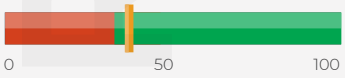
Tensile Strength
CD 380.9



Elongation - MD
37.8%



Elongation - CD
39%



MONARCH BRANDS®

11350 Norcom Road, Philadelphia, PA 19154 · (215) 458-5744 · www.monarchbrands.com

The standards that we are measured by are globally-recognized. The standards that we hold ourselves to are higher.

Size & Weight Tolerance

Since microfiber cloths are woven products, there will be a variation in size and weight when coming off the loom. We use QIMA to measure our towels against industry-standard tolerance levels.

Dimensional Stability to Washing

The GB/T- 8630-2013 standard This standard was developed by the China National Textile and Apparel Council. It specifies a method to determine the dimensional change of textiles after washing and drying. This standard is applicable to textile fabrics, clothing, and other textile products and measures shrinkage after five washes.

Absorption

GB/T 22799-2009 tests the absorbency water into a fabric. GB/T 22799-2009 also tests the initial absorption speed of a fabric. Speed and weight work together to produce a deeper understanding of the fabric's ability to absorb. To pass Absorption Speed a 5"x5" square of fabric must be completely saturated in under five seconds. Total Absorbency is the amount of water absorbed into the fabric at the end of that five seconds.

Buyer beware! Many manufacturers use fabric softener to make their towels seem softer. This reduces the absorbency rate of a towel. Water beads on the surface as the softener clogs the fabric with an impermeable chemical.

Color Shade Standard AATCC

The color change scale consists of nine pairs of grey colored chips, from grades 1 to 5 (with four half steps). Specimens of a given hue match against grey chips. They equate differences in lightness with differences in color. One sample is a control, the other is washed. Grade 5 represents no change, and grade 1 depicts a severe change in some standards.

Color Fastness to Rubbing – "Dry Crocking"

Dry Crocking is done using AATCC^{D} Crock Meter that rubs a dry piece of sample against a white fabric for a specific time. Then the white piece of fabric was measured against AATCC^{C} Grayscale for staining to see how much color was migrated.

Color Fastness to Washing – "Wet Crocking"

Dry Crocking is done using AATCC^{D} Crock Meter that rubs a wet piece of sample against a white fabric for a specific time. Then the white piece of fabric was measured against AATCC^{C} Grayscale for staining to see how much color was migrated.

Breaking Strength

Fabric breaking strength is also can be called tensile strength, which refers to as the maximum tensile force when the specimen is stretched to break. It is one of the main standards to assess the intrinsic quality of textiles. The unit of fabric breaking strength is "Newton (N)" and it is used to evaluate the capability of the fabric to resist to tensile damage. Microfiber is tested two ways: Machine Direction (MD) is the length of the microfiber roll. Cross Direction is the defined width of the fabric (typically much shorter).

Elongation

Microfiber fabric is stretchable. Elongation is how much you can stretch it without breaking or tearing the fabric against the original size. The stretched portion of the fabric is converted into a percentage, with 50% being the minimum. Microfiber is tested two ways: Machine Direction (MD) is the length of the microfiber roll. Cross Direction is the defined width of the fabric (typically much shorter).

QIMA

QC Tailored for the Textiles Industry
Modern textile manufacturers employ progressively more sophisticated methods and use a variety of natural, man-made, and synthetic fibers. The quality and durability of fabrics are directly affected by the quality of fibers, correct choice of dyes and colorants, and the use of appropriate manufacturing processes. QIMA offers inspections and laboratory tests for all modern textiles.

AATCC

AATCC—the American Association of Textile Chemists and Colorists—provides test method development, quality control materials, educational development, and networking for textile and apparel professionals throughout the world.

AATCC^{B}: AATCC Gray Scale for Color Change
AATCC^{C}: AATCC Gray Scale for Staining
AATCC^{D}: AATCC - 9 Step Chromatic Transference Scale
20 AATCC AFU: After 20 Fading (Hours) Units

GB

GuoBiao Chinese National Standards
GB/T standards are the China national standards, also called as Guobiao Standards, China GB/T standards are classified as two stages, Mandatory or Recommended. Mandatory standards have the force of law as do other technical regulations in China. They are enforced by laws and administrative regulations and concern the protection of human health, personal property and safety.

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