

SmartRags Heavy Duty Microfiber Cloth Box

50 count, 16" x 16" • 45 gram • 275 gsm

NEW! The Heavy Duty SmartRags® dispenser box is the latest product in our wholesale microfiber towel collection. Heavy Duty SmartRags 50-count boxes include 16" x 16" microfiber rags with precision-cut seamless edges. At 45 grams and 275 GSM, these larger, heavier microfiber cloths are ideal for more significant cleaning projects. Competitively-priced, Heavy Duty SmartRags boxes are ideal for janitorial utility carts, office supply closets, workshops, garages, and break rooms.

Busy Garages and Factory Floors, Office Spaces, Hospitals and Healthcare Operations, and Home Cleaning require convenient and effective microfiber cloths for their respective cleaning tasks. The SmartRags Collection of pop-up microfiber cloths in three sizes/weights creates a powerful defense against broad-range dirt and grime. Convenient color-coded cloths, designed for safe space vs. danger zone cleaning, eliminate cross-contamination. SmartRags wholesale microfiber towels deliver "1-2-3" Punch to dirt and grime!



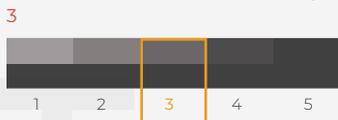
Details

Part Number	GSM	Grams/Piece	Color	Size/Inches	Packing	Case Dimensions (inches)	Case Weight	UPC
M930BK	275	45	Black	16x16	8 BOXES/CASE	32" x 17" x 17"	48 lbs	764950-84604-9
M930B	275	45	Blue	16x16	8 BOXES/CASE	32" x 17" x 17"	48 lbs	764950-84600-1
M930G	275	45	Green	16x16	8 BOXES/CASE	32" x 17" x 17"	48 lbs	764950-84601-8
M930P	275	45	Hot Pink	16x16	8 BOXES/CASE	32" x 17" x 17"	48 lbs	764950-84605-6
M930W	275	45	White	16x16	8 BOXES/CASE	32" x 17" x 17"	48 lbs	764950-84603-2
M930Y	275	45	Yellow	16x16	8 BOXES/CASE	32" x 17" x 17"	48 lbs	764950-84602-5

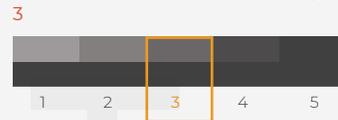
Technical Specifications

■ Pass ■ Acceptable ■ Fail

Color Fastness to Washing



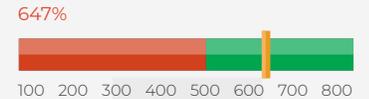
Color Fastness to Rubbing



Absorption Speed



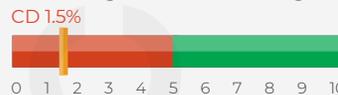
Total Absorption



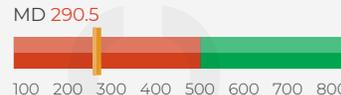
Shrinkage after Washing



Shrinkage after Washing



Tensile Strength



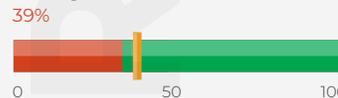
Tensile Strength



Elongation - MD



Elongation - CD



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[®] 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[®] Grayscale for staining to see how much color was migrated.

Color Fastness to Washing – “Wet Crocking”

Dry Crocking is done using AATCC[®] 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[®] 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).



Q I M A[®]

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—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[®]: AATCC Gray Scale for Color Change

AATCC[®]: AATCC Gray Scale for Staining

AATCC[®]: AATCC - 9 Step Chromatic Transference Scale

20 AATCC AFU: After 20 Fading (Hours) Units



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.