SmartPads

Taking our lead from the smash success of SmartRags, Monarch Brands invented SmartPads fulfills a multitude of floor cleaning scenarios. SmartPads woven microfiber polyester construction picks up more dirt than non-woven disposable pads. Cleaners' will flock to this dual-threat microfiber mop in a dispenser box. Available in blue and green to mitigate cross-contamination when reusing mops.

Use as a disposable pad in danger zones

- Hospital Wards • Restrooms • Gyms & Fitness Studios • Locker-Rooms

Wash and reuse SmartPads in safe zones

- Corporate Offices • Living Spaces • Food Prep Areas • Dining Spaces

Details

Part Number	Description	Size	Case Pack	Case Count
M901RMP-BL	Blue Stripe	18 Inches	30	8
M901RMP-GR	Green Stripe	18 Inches	30	8

Technical Specifications

■ Pass ■ Acceptable ■ Fail

Size Tolerance
L +/- 1cm

10+ 8+ 6+ 4+ 2+ 0 -2 -4 -6 -8 -10

Weight Tolerance
+/- 5%

10+ 8+ 6+ 4+ 2+ 0 -2 -4 -6 -8 -10
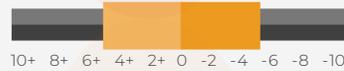
Dimensional Stability to Washing - L 5%, W 5%

10+ 8+ 6+ 4+ 2+ 0 -2 -4 -6 -8 -10

Absorption Speed
<1 s

0 1 2 3 4 5

Total Absorption
999%

100 200 300 400 500 600 700 800 900 1000

Color Shade
4

1 2 3 4 5
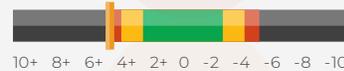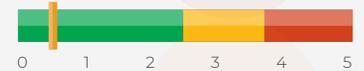
Color Fastness to Washing
3-4

1 2 3 4 5

Color Fastness to Rubbing
3-4

1 2 3 4 5

Color Shade Variation after 5 washes 4

1 2 3 4 5
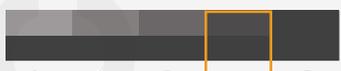
Breaking Strength
MD 317.5 N

100 200 300 400

Breaking Strength
CD 471.16 N

100 200 300 400 500

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

Size & Weight Tolerance
Since cotton towels are natural 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.

MONARCH BRANDS®

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