

Microfiber Expert
SINCE 2004



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PRODUCT LINEUP





COMPANY PROFILE

20+ Years

Founded in May 2004, Pa Tin Da has grown into the largest microfiber manufacturer in southern China.

45,000 Square Meters

Current manufacturing plant with a structure of 15,000 M2.

Brand new manufacturing plant with 45,000 M2 under construction

10+ Automatic Production Lines

12 lines of automatic microfiber cloth cutting and sewing machine

Over 450 advanced production machines and equipment

5,500,000 pieces

5 million pieces: monthly production capacity of microfiber cleaning cloth

500,000 pieces: monthly production capacity of professional mops

Advanced R&D Capability

Pa Tin Da's R&D team is comprised of the pioneers of the microfiber industry that began in China in the 1990's. We are experts in raw materials, weaving and knitting, dyeing and finishing. In Pa Tin Da, new product development starts from raw material. As strategic partners of CFI (Guangdong Chemical Fiber Institute), we have early access to the latest technology in all kinds of synthetic materials.



PRODUCTION PROCESS



Yarn Spinning



Fabric Knitting



Yarn Dyeing & Splitting



Automatic Sewing



Fabric Cutting



Fabric Inspection



QC&Packing



Storage



Loading





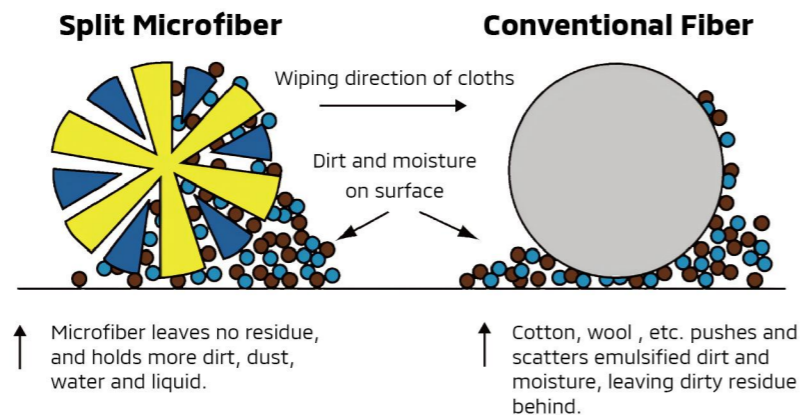
What is microfiber?

Microfiber is a composite material composed of polyester and polyamide (nylon). To ensure high quality, fibers are split after knitting/weaving during manufacturing, which creates tiny spaces within. When observed in cross-section, microfiber resembles an asterisk. The split fibers in fabric, in tandem with the spaces, are excel at trapping dust, dirt, and liquid. This technology's synergy delivers exceptional cleaning and absorption capabilities across various applications.

Microfiber Cleans Better

How does microfiber work?

After the splitting technology, microfiber is divided into 8 segments, which enlarges the surface area of the fibers and increases the hole gap in the fabric, making it more absorbent like capillary core absorption.



Microfiber provides superior cleaning performance compared to cotton.

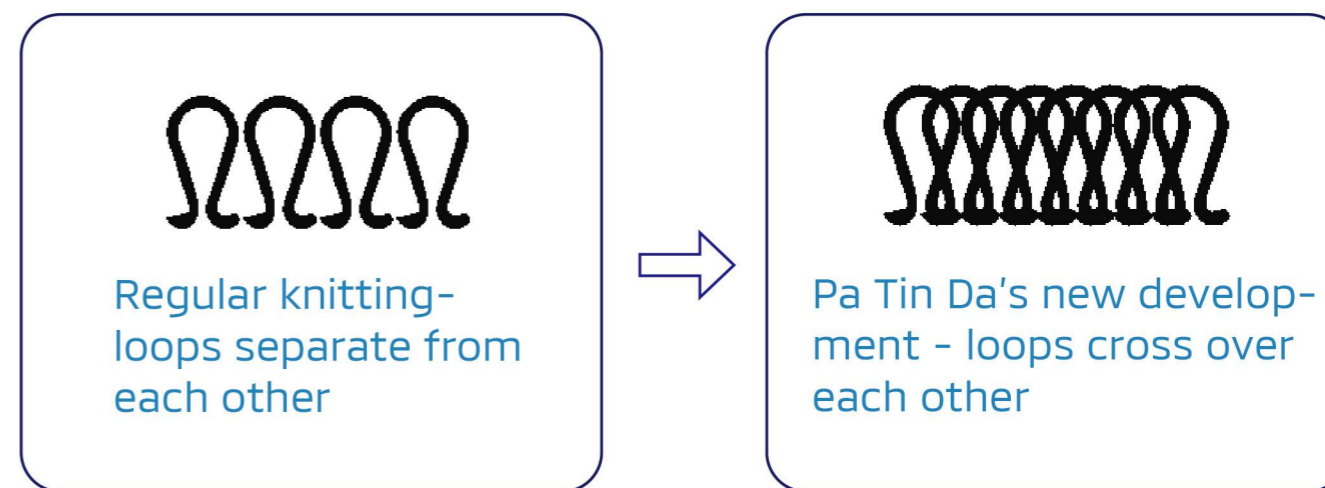
	Microfiber	Cotton
Cleaning Effectiveness	Pick up and trap 99.54% of dirt, dust and bacteria (w/ detergent cleaner)	Only pick up 67% of dirt, dust and bacteria (w/detergent cleaner) and will re-deposit 33% of that back onto the surfaces
Absorbency	Absorb up to 7 times of its own weight	Absorb only 2-3 times of its own weight
Durability	Withstand 250 -500 standard washes	Last around 50 to 60 washes
Labor Efficiency (sq ft/hour)	23,000 (based on ISSA 447 Cleaning Calculator)	5,000 (based on ISSA 447 Cleaning Calculator)

Sources: <https://www.cdc.gov/hai/prevent/resource-limited/supplies-equipment.html>
https://wspehsu.ucsf.edu/wp-content/uploads/2015/10/FactSheet_Microfiber.pdf
<https://www.explainthatstuff.com/microfibercloths.html>

WHAT'S NEW?

Revolutionary Knitting Method from Pa Tin Da

After continuous exploration and research, Pa Ti Da's R&D team has improved the knitting method of the traditional microfiber terry towel. Through this new knitting method, the loops which are originally separated from each other now are intertwined with each other, resulting in a thicker and fluffier terry towel. The inter-knitting method terry provide more effective support for the loops from each other, making the loops of the terry towel stay more upright after washing, and keeping the towel soft for a longer period of time.



Discover the remarkable advantages of our MicroMax Cloth™:

Luxuriously Fluffy Loops: Experience the plush, fluffier loops that redefine your cleaning experience.

Unrivaled Loop Integrity: Our loops stand tall and unwavering after every laundry cycle, ensuring a perfect cloth for professional cleaning.

Supreme Thickness: Feel the difference with our cloth that boasts a thicker texture compared to regular microfiber terry, all while maintaining the same grams per square meter.

Distinctive Optics: Stand out from the crowd with the unique visual appeal of our MicroMax Cloth™. It's unlike any other microfiber towel on the market, making it a vital asset in your marketing efforts.



Elevate your cleaning game with MicroMax Cloth™, a testament to innovation and quality.

MicroMax Cloth™

MICROFIBER DOPE-DYED YARN & ITS APPLICATIONS

MICROFIBER DOPE DYED YARNS

Our dedicated R & D team keeps exploring new areas of yarn processing technology, such as microfiber dope dyed yarn. Dope dyeing is a method of coloring synthetic fibers at the polymer extrusion stage, before they are even spun into yarn. In this process, the color pigments are added to the liquid polymer solution (dope) before it is extruded into fine fibers. This results in fibers that are already colored throughout during spinning rather than to color the fabric with traditional dyeing. Dope dyeing is known for its environmental benefits since it reduces water consumption and pollution associated with traditional dyeing methods.



ADVANTAGES OF MICROFIBER DOPE DYED YARN:

* Excellent Color Fastness:

The fibers are fully impregnated with pigment since colorant is added before knitting. Color fastness reaches 4-4.5 degrees, no color bleeding.

* Large Variety of Pattern Designs:

With various of colored yarn, we can design much more patterns for microfiber towels instead of just solid colors.

* Environmentally Friendly:

- Water consumption: up to 96% reduced
- Greenhouse gas emissions: up to 71% reduced
- Energy consumption: up to 87% reduced
- Less dyeing chemical consumption to reduce water pollution

(Data from "Sustainable Textile Production - Use of Dope-Dyed Yarn" by the Hohenstein Institute)



THE APPLICATIONS OF MICROFIBER DOPE-DYED YARN

Microfiber kitchen towels were once limited to plain, solid colors, which seemed mundane when compared to the vast array of options available with cotton kitchen towels. However, thanks to the advancement in microfiber dope-dyed yarn technology, Pa Tin Da has introduced a diverse collection of microfiber kitchen towels adorned with stylish and classic patterns.

In contrast to cotton kitchen towels, microfiber options boast numerous advantages:

Absorption and Quick Drying: great for quickly drying dishes, spills, and surfaces.

Lint Free: beneficial for tasks that require streak-free cleaning, such as wiping glass and mirrors.

Durability: durable and can withstand frequent washing without losing their effectiveness or softness.

Non-Abrasive: soft and non-abrasive, suitable for delicate surfaces like glass and stainless steel.



MS-064
Microfiber Pure Dry Kitchen Towel




MS-065
Microfiber Classic-check Kitchen Towel




MS-066
Microfiber Eco Lux Kitchen Towel



MS-074
Microfiber Fancy Kitchen Towel

 Material
80% polyester
20% polyamide

 GSM
200-400gsm

 Size
40x40cm or customized

 Color
Customized



MS-013
Microfiber Suede Cloth PREMIUM

Suede fabric, ultra fine and lightweight, gentle to touch. Lint free and quick dry. Excellent for any delicate surfaces, such as computer screen, LCD, smart phones, etc. Also for polishing without any scratching.

Material: 80% polyester, 20% polyamide | GSM: 180-300 gsm | Size: 40x40cm or customized | Color: Customized



MS-014
Microfiber Polishing Cloth PROFESSIONAL

Edgeless design and suede surface, very soft, can quickly clean fingerprint or any dust. Lint and streak free. No scratching, great for polishing watches, jewelry, etc.

Material: 80% polyester, 20% polyamide | GSM: 180-300 gsm | Size: 40x40cm or customized | Color: Customized



MJ-017
Microfiber Glasses Cloth BASIC

Knitted fabric with a very smooth surface. The fine structure easily removes fingerprints from the lenses without scratch.

Material: 80% polyester, 20% polyamide | GSM: 160-230 gsm | Size: 40x40cm or customized | Color: Customized



MJ-023
Microfiber Twisted Loop Auto Cleaning Cloth

Single layer twisted loop, binding edge. Long plush great for dusting and polishing, no scratch to car paint, lint-free.

Material: 80% polyester, 20% polyamide | GSM: 500-1000 gsm | Size: 40x60cm or customized | Color: Customized



MJ-056
Microfiber Twisted / Coral Fleece Auto Cleaning Cloth

Double-side twisted piles & coral fleece, binding edge, super absorbent premium auto cleaning cloth. Great for dusting and polishing, no scratch to car paint, lint-free.

Material: 80% polyester, 20% polyamide | GSM: 380-500 gsm | Size: 40x60cm or customized | Color: Customized



MM-067
Microfiber Chenille Auto Cleaning Sponge

Chenille sponge, delivers a lint-free, scratch-free shine. Gentle on car paint, tough on dirt and grime.

Material: 80% polyester, 20% polyamide | Weight: 115g | Size: 28x18cm or customized | Color: Customized



MM-059
Microfiber Fluffy Auto Cleaning Mitt

Double sided Fluffy mitt, made of faux rabbit fur, ultra soft and super absorbent, no scratch to delicate surface.

Material 100% Faux rabbit fur Weight 65g Size 26 x 18 cm Wet/Dry Use



MM-068
Microfiber Coral Fleece Auto Cleaning Mitt

Coral fleece & sponge, long piles, super absorbent, fit for dusting. Soft and lint free, no scratch to delicate surface.

Material 80% polyester 20% polyamide GSM 180-320gsm Size 23 x 19 cm Wet/Dry Use



MJ-021
Microfiber Terry Auto Cleaning Cloth

Terry, binding edge, soft and super absorbent. Great for dusting and polishing, no scratch to car paint, lint-free.

Material 80% polyester 20% polyamide GSM 250-500 gsm Size 40x40cm or customized Color Customized



MJ-022
Microfiber Long Plush Auto Cleaning Cloth

Long plush, ultra soft and super absorbent. Great for dusting and polishing, lint-free. Edgeless design to avoid scratching.

Material 80% polyester 20% polyamide GSM 300-500 gsm Size 40x40cm or customized Color Customized



MM-069
Microfiber Chenille Auto Cleaning Mitt

Double sided chenille mitt, delivers a lint-free, scratch-free shine. Gentle on paint, tough on dirt and grime.

Material 80% polyester 20% polyamide Weight 135g Size 25 x 18 cm Wet/Dry Use



MM-070
Microfiber Long Plush Auto Cleaning Mitt

Double sided long plush mitt, delivers a lint-free, scratch-free shine. Gentle on paint, tough on dirt and grime.

Material 80% polyester 20% polyamide Weight 85g Size 28 x 20 cm Wet/Dry Use



MJ-052
Microfiber Coral Fleece Auto Cleaning Cloth

Double-side coral fleece, fluffy, ultra soft and super absorbent. Great for dusting and polishing, no scratch to car paint, lint-free.

Material 80% polyester 20% polyamide GSM 300-550 gsm Size 40x40cm or customized Color Customized



MJ-053
Microfiber Premium Coral Fleece Auto Cleaning Cloth

Double-layer coral fleece, binding edge, super thick and super absorbent, heavyweight premium auto cleaning cloth. Great for dusting and polishing, no scratch to car paint, lint-free.

Material 80% polyester 20% polyamide GSM 400-600 gsm Size 40x40cm or customized Color Customized



MM-071
Microfiber Coral Fleece Auto Cleaning Mitt

Coral fleece, long piles, super absorbent, fit for dusting, Soft, flexible and lint free, no scratch to delicate surface.

Material 80% polyester 20% polyamide Weight 65g Size 24 x 17 cm Wet/Dry Use



MM-072
Microfiber Coral Fleece Auto Cleaning Mitt

Coral fleece & sponge, long piles, super absorbent, fit for dusting. Soft and lint free, no scratch to delicate surface.

Material 80% polyester 20% polyamide Weight 60g Size 24 x 15 cm Wet/Dry Use



MJ-054
Microfiber Large Coral Fleece Auto Cleaning Cloth

Double-layer coral fleece, super thick and super absorbent, large size heavyweight premium auto cleaning cloth. Great for dusting and polishing, no scratch to car paint, lint-free.

Material 80% polyester 20% polyamide GSM 400-600 gsm Size 50x100 cm or customized Color Customized



MJ-055
Microfiber Waffle Coral Fleece Auto Cleaning Cloth

Waffle coral fleece structure, fluffy, ultra soft and super absorbent. Great for dusting and polishing, no scratch to car paint, lint-free.

Material 80% polyester 20% polyamide GSM 250-320 gsm Size 40x40cm or customized Color Customized