

# MICROFIBER Technical Specifications

Microfiber is a high-tech yarn that measures 0.1denier. This special filament is very fine, durable and is virtually lint-free. The wedge-shaped polyester shown in this cross section, together with the nylon core, fits the surface of any object and gathers dust, bacteria and grime efficiently.

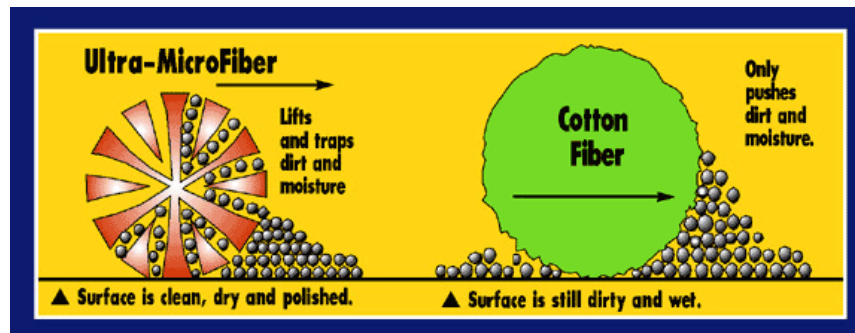
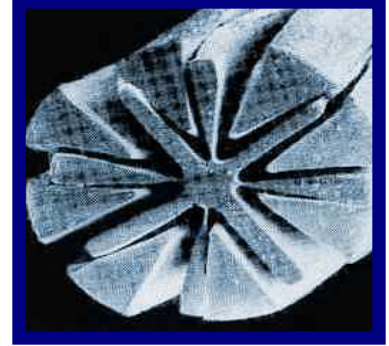
This ultra-fine Microfiber may be used on any surface and actually lifts, traps and removes unwanted surface contaminants instead of simply pushing them around.

- A high-ratio blend of polyester and nylon.
- Single fiber is approximately 1/12<sup>th</sup> the diameter of a strand of silk.
- Attracts and holds oil, grease, dirt, grime, film, dust and bacteria.

## How Microfiber works:

- Microfiber adsorbs 7 times its weight in liquid. (capillary action)
- Each fiber is 100 times finer than a human hair.
- Microscopic spaces between fibers trap and hold dust, dirt and grime until washed away with mild soap or detergent.
- Spaces also allow larger amounts of moisture to be collected into the fibers making the cloth very absorbent.
- These spaces allow for quicker drying, eliminating much of the bacterial growth found in other cloths.

## MICROFIBER Cross Section



Microfiber Cloth vs. Traditional Cloth Fiber

## Microfiber Cloth

- Millions of tiny microfibers scoop, lift, and trap dirt and dust inside the cloth fibers where they will remain until washed away.
- Results are clean, streak-free surfaces.
- Using water helps emulsify dirt and oil making it easier for the microfiber cloth to pick up.
- Its' high absorbency quickly and easily cleans up spills.

## Traditional Cloth Fiber

- Pushes dirt, dust, grime and bacteria around on surface.
- Residue remains on surface of cleaning area.
- Thicker fibers do not attract, trap, and remove dirt and particles.

## Microfiber washing instructions:

Machine wash with laundry detergent or hand wash with dish soap in hot water. Rinse thoroughly. Do not use fabric softener or bleach. Air-dry or put in dryer on low to medium heat.

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