



# UltraWipe

**Superior Performance Decon Wipers**



Technology and innovation come together in the development of UniTech's latest addition to our decon accessories line. **UltraWipe** perfects microfiber technology to provide the industry with a product specifically developed for nuclear applications.



Decon performance is remarkable, but just as important, **UltraWipe** offers outstanding service life with excellent contaminant release during laundering. Add in a liquid absorption capacity of 9 times its own weight and **UltraWipe** becomes the hands down wiper choice.

- Facility-proven decon factors
- Highest liquid and oil absorption capacity
- Excellent laundering results assure long service life
- Floor accessories available (replaces Masslinn mops)
- Different colors and sizes available
- Satisfaction guaranteed



## **About UniTech**

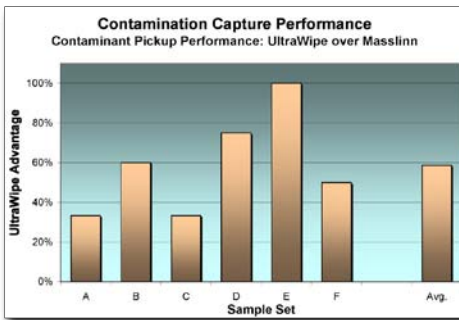
For over 45 years, UniTech has led the way in nuclear protective garment services and product development. UniTech makes substantial investments in advancing garment fabrics, construction techniques, and design features. We are ISO 9001 certified and we test everything we sell. From engaging renowned textile centers to partnering with specialty mills and fiber producers, we are the industry's best source for protective garments, services, and nuclear supplies.

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Few things get less attention than choosing a decon wiper. Indeed, until recently, there wasn't much to evaluate beyond cost and strength. The advent of microfiber technology is redefining many textile applications, offering distinct benefits to nuclear facilities.



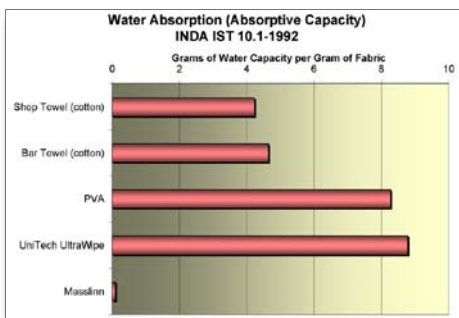
But not all constructions are the same. Variations in weaves and weights will affect performance. UniTech sought the best-of-the-best in our research for UltraWipe. Through stringent testing, we have definitive answers to your crucial questions:



## How Well Does it Clean?

First and foremost, a wiper needs to provide good decontamination factors. A UniTech customer who uses Maslinn™ wipers conducted a side-by-side evaluation of contamination capture performance, measuring gross CPM on each material afterward.

The results were clear - Ultra Wipe consistently picks up more contamination, averaging 60% greater effectiveness overall than Maslinn. This means less labor, less dose and fewer wiper change outs.



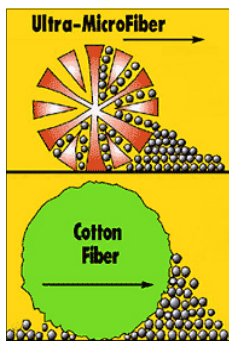
## How Well Does it Absorb?

For wet pickup, liquid absorbency is an important wiper feature. This property is easily measured in textiles using the INDA IST 10.1 test procedure which measures grams of water capacity per gram of textile material.

Once again, Ultra Wipe edges out the best of the competition. And no material removes oils better than microfiber. Better absorbency means less labor time and fewer wipers required per job.

## What is Microfiber?

Microfiber is a synthetic filament with one denier diameter (1/30 of cotton).

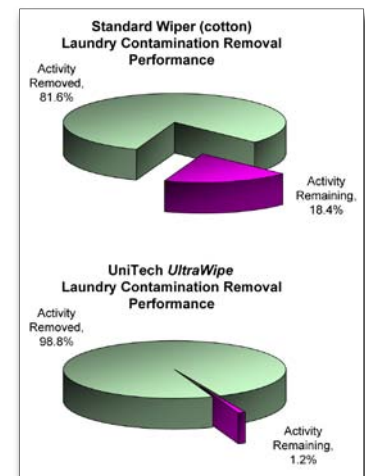


Wedge shaped elements follow the surface, trapping particles inside the fiber. Capillary effect between the filaments promotes very high absorbency.

## How Long Does it Last?

There are two factors in determining decon wiper longevity: fabric strength and laundrability.

As a pure synthetic filament, Ultra Wipe has excellent abrasion resistance and breaking strength. But even more impressive is laundering effectiveness in releasing radioactive contaminants. The chart at the right depicts more than 98% first-wash removal efficiency, compared to 82% for traditional textiles. This translates to longer service life and lower cost per use.



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