



Innovative  
Contamination  
Solutions

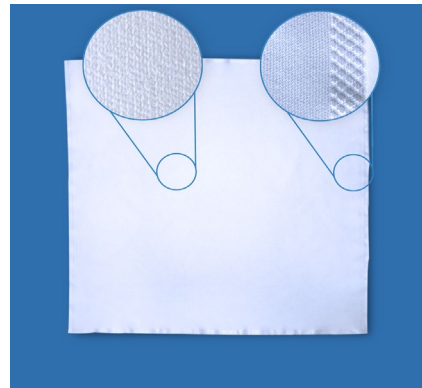
## TekniClean Sealed Border Knit Microfiber Wiper

### Product Description

Tekniclean microfiber wipes are designed & constructed with yarn as fine as 0.1 decitex, knitted extremely tight to ensure wipe durability. The structure of the yarn (30% Nylon / 70% Polyester) provides hydrophilic properties of nylon, lipophilic polyester properties, and the capillary effect of the dense construction provides a high level of water absorbency and superior wiping efficiency. We use a high temperature, high pressure process to split the yarn and release the 8-16 wedges of polyester yarn and shrink the cloth up to 40% to increase density. This process provides an extremely soft fabric that will leave no scratches on wiped objects. The wedge like yarn structure effectively traps micro-contamination (particles & bacteria) without re-contaminating the surface. All Tekniclean wipes utilize Statistical Process Control in manufacturing and are lot traceable from raw material to finished product. Class 10 Laundered & Packaged

### Composition & Attributes

- \* Tightly knit & pre-shrunk 70% Hi Strength Polyester & 30% Nylon fiber
- \* Ultra Low particle and fiber generation
- \* Ultrasonic Sealed Borders for best fiber & particle retention
- \* Proprietary Lint Removal Technology for true lint free surface
- \* Free of Silicon, Amides, and DOP contamination
- \* Solvent safe double bag cleanroom packaging
- \* Resists abrasion when used with rough surfaces
- \* Works well with IPA and other cleaning solvents

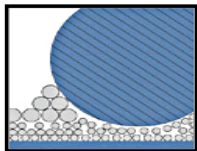


### Applications

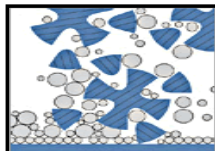
- \* Ideal for removing water & oil based contamination
- \* Works well for process cleaning; ultra pure substrate / best performance
- \* Silky texture will not scratch sensitive surfaces when force is applied
- \* Works well for difficult particle removal; excellent abrasion resistance
- \* Best abrasion resistance; excellent choice for wiping process tool chambers
- \* Recommended for Optical, LCD, & Hard Disk Drive cleaning
- \* Compatible with ISO Class 4-5 (Class 10-100) environments

### Physical Properties

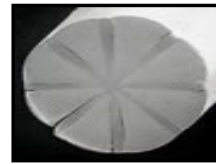
- \* Basis Weight 190-210 g/m<sup>2</sup>
- \* Material 30% Nylon / 70% Polyester  
0.1 decitex; 16 wedge
- \* Absorbency Extrinsic Capacity: >280ml/m<sup>2</sup>  
Intrinsic Capacity: >2.4 ml/g  
Sorptive Rate: < 2 seconds
- \* Test Method IEST 4.3 Section 8.1



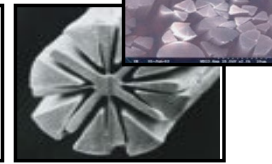
Traditional wiping



Microfiber wiping



Magnified Yarn



Magnified Split Yarn

### Ordering Information

#### Product

TC3MFB1-44  
TC3MFB1-99

#### Size

4" X 4" (10CM X 10CM)  
9" X 9" (23CM X 23CM)

#### Packaging

600 Ea/Bag, 10 Bags/Case  
100 Ea/Bag, 10 Bag/Case



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