



Innovative
Contamination
Solutions

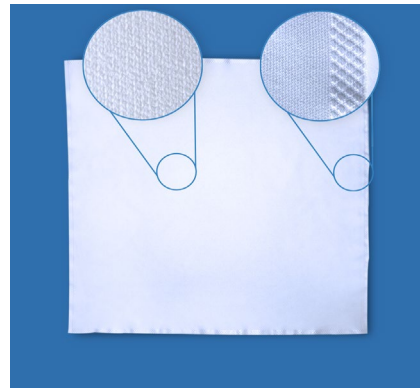
TekniClean Sealed Border Knit Microfiber Wiper

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

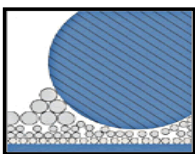


Applications

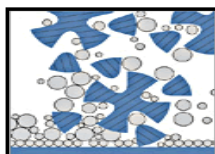
- * Ideal for removing water & oil based contamination
- * Works well for process cleaning; ultra pure substrate / best performance
- * Silky texture will not scratch sensitive surfaces when force is applied
- * Works well for difficult particle removal; excellent abrasion resistance
- * Best abrasion 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/m²
- * Material 30% Nylon / 70% Polyester
0.1 decitex; 16 wedge
- * Absorbency Extrinsic Capacity: >280ml/m²
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



Product

TC3MFB1-44
TC3MFB1-99

Ordering Information

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