



Innovative
Contamination
Solutions

To Order Call:
Harmony Business Supplies
1-800-899-1255
www.HarmonyCR.com

TekniPure Sealed Edge Poly/Microfiber Wiper

Product Description

This unique product provides best performance and value for critical cleaning applications.

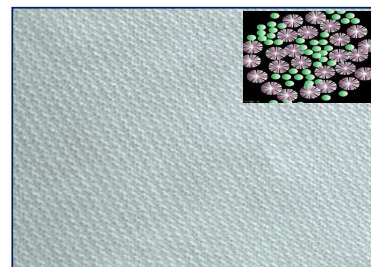
Most effective wiping performance from unique fabric which attracts & holds contaminants

The wedge like yarn structure effectively traps all micro-contamination (particle, fiber, & oil based)

Class 10 Laundered & Packaged

Composition & Attributes

- * Tightly knit & pre-shrunk 95% Micro-denier Polyester & 5% Nylon fiber
- * Ultra Low particle and fiber generation
- * Ultrasonic Sealed Edges or Borders for best fiber & particle retention
- * Free of Silicon, Amides, and DOP contamination
- * Solvent safe double bag cleanroom packaging
- * Super soft for scratch sensitive surfaces
- * Resists abrasion when used with rough surfaces
- * Available pre-wet for improved process cleaning



Magnified Surface

Applications

- * Ideal for removing oil based contamination, 100% removal
- * 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 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 155 g/m²
- * Material 95% Polyester / 5% Nylon
Microdenier & Microfiber Blend
- * Absorbency Extrinsic Capacity: >220ml/m²
Intrinsic Capacity: >1.9 ml/g
Sorptive Rate: < 2 seconds
- * Test Method IEST 4.3 Section 8.1

Purity Specifications

* Particles & Fibers

Maximum

Typical

particles/m ²	Particles (>0.5 micron)	<4.5 x 10 ⁽⁶⁾	3.05 x 10 ⁽⁶⁾
particles/m ²	Particles (> 5 micron)	<0.3 x 10 ⁽⁶⁾	0.16 x 10 ⁽⁶⁾
fiber/m ²	Fibers (>100 micron)	<300	106

* Nonvolatile Residue

g/m ² / ug/cm ²	IPA Extractant	<0.01 / 1	0.0267 / 2.67
	Acetone Extractant	<0.01 / 1	0.0286 / 2.86
g/m ² / ug/cm ²	DIW Extractant	<0.01 / 1	0.0012/ 0.12

* Extractable Ions

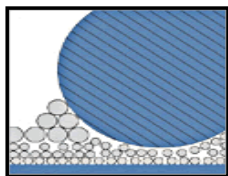
ppm / ug/g	Sodium (Na+)	<2	0.45
	Potassium (K+)	<2	0.09
	Magnesium (Mg ²⁺)	<2	0.35
	Chloride (Cl+)	<2	0.26
	Calcium (Ca+)	<2	0.42

Test Method

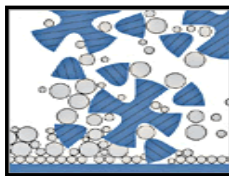
Orbital Shake Test IEST-4.3-6.1.4

Short Term Extraction IEST-4.3-7.1.2

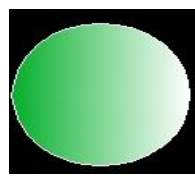
Standard Extractable Method IEST-4.3-7.2.2.1B



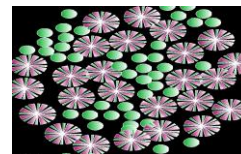
Traditional wiping



Microfiber wiping



50d/72f Polyester Microfiber



Fabric Structure



75d/36f/16 Poly/Nylon Split Microfiber

Ordering Information

Size

9" X 9" (23cm x 23cm)

Packaging

150 Ea/Bag 10 Bag/Case

Product

TC2PMDU1-99