

TekniMax™ EX

Knitted Microfiber

Heavy-weight and durable, TekniMax™ EX utilizes a proprietary weaving pattern to create pillowed loops of sweeping power to efficiently wipe away micro-contamination from even the roughest surfaces.

■ APPLICATIONS

- Best choice for superior microcontamination removal and spill control
- Ideal for application of disinfectants and sanitizers to large areas
- Suitable for use in ISO 3 and higher cleanrooms

■ FEATURES & BENEFITS

- Silky smooth surface finish for use on even the most delicate surfaces
- Durable abrasion resistance for use when removing microcontamination from large areas and irregular surfaces
- Best in class fluid absorption
- Leaves a polished finish on surfaces such as stainless steel
- Available in a range of edge finishes to meet your application requirements



TekniMax™ EX Knitted Microfiber Wipers

Product	Class	Edge Finish	Pre-Sat	IPA%*	Wiper Size	Packaging
TC2MFU1-99	ISO 4	Ultra-Edge			9" x 9" (23cm x 23cm)	100 ea/bag; 50 ea/2 inner bag; 10 bags/case
TC3MFB1-44	ISO 3	Ultra-Border Seal			4" x 4" (10cm x 10cm)	600 ea/bag; 10 bags/case
TC3MFB1-99	ISO 3	Ultra-Border Seal			9" x 9" (23cm x 23cm)	100 ea/bag; 50 ea/2 inner bag; 10 bags/case
TS3MFB170Z-99	ISO 3	Ultra-Border Seal	◆	70%	9" x 9" (23cm x 23cm)	50 ea/bag; 15 bags/case

*IPA (Isopropyl Alcohol) meets or exceeds USP purity requirements

Physical Properties

Basis Weight	220 g/m ²
Material	100% Polyester/Nylon
Absorbency	Extrinsic Capacity: 335 ml/m ² Intrinsic Capacity: 2.6 ml/g Rate: <1 second

Purity Specifications

	Target
Particles & Fibers	(x 10 ⁶ particles/m ²)
Particles >0.50um	<8.0
Particles >5.0um	<1.0
Fibers >100um	<400

*Particles: IEST-RP-CC004.3 Section 6.1.4

Fibers: IEST-RP-CC004.3 Section 6.2.2 (Orbital Shake Test)

Shelf Life

Non-sterile Dry Wipes: 5-years from the date of manufacture.

Non-sterile Pre-wetted Wipes: 3-years from the date of manufacture.

Sterile Dry & Pre-wetted Wipes: 3-years from the date of manufacture.

Nonvolatile Residue

Extractant	Target
IPA	<0.07 g/m ²
DI Water	<0.015 g/m ²

*IEST-RP-CC004.3 Section 7.1.2 (Short Term Extraction)

Extractable Ions

Ion	Target
Sodium (Na ⁺)	<0.02 ppm
Potassium(K ⁺)	<0.03 ppm
Calcium (Ca ²⁺)	<0.02 ppm
Chloride (Cl ⁻)	<0.02 ppm
Magnesium (Mg ²⁺)	<0.02 ppm

