

TekniMax™ DX Nonwoven Microfiber

Designed for frequent use on transparent or sensitive surfaces, TekniMax™ DX restores cleanliness by removing haze, fine particles, or oily residue build-up in a single swipe.

■ APPLICATIONS

- Optics & Sensor Cleaning
- Polishing Surfaces
- Removing oily residues or haze
- Ideal for frequent cleaning of small spaces or items
- Suitable for use in ISO 5 and higher cleanrooms

■ FEATURES & BENEFITS

- Economical cellulose-free cleaning
- Soft enough for many scratch sensitive surfaces
- Light weight and conformable to clean tight, hard to access areas



Teknipure™

TekniMax™ DX Nonwoven Microfiber Wipers

Product	Class	Edge Finish	Wiper Size	Packaging
TZ1MF-44	ISO 5	Standard	4" x 4" (10cm x 10cm)	600 ea/bag; 10 bags/case
TZ1MF-99	ISO 5	Standard	9" x 9" (23cm x 23cm)	150 ea/bag; 10 bags/case
TZ1MF-12	ISO 5	Standard	12" x 12" (30cm x 30cm)	150 ea/bag; 10 bags/case

Physical Properties

Basis Weight	80 g/m ²
Material	100% Polyester/Nylon
Absorbency	Extrinsic Capacity: 317.5 ml/m ² Intrinsic Capacity: 3.76 ml/g Rate: <1 second

Purity Specifications

	Target
Particles & Fibers	(x 10 ⁶ particles/m ²)
Particles >0.50um	<60.0
Particles >5.0um	<0.26
Fibers >100um	<3500

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

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

Nonvolatile Residue

Extractant	Target
IPA	<0.05 g/m ²
DI Water	<0.03 g/m ²

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

Extractable Ions

Ion	Target
Sodium (Na ⁺)	<50.0 ppm
Potassium(K ⁺)	<30.0 ppm
Calcium (Ca ²⁺)	<30.0 ppm
Chloride (Cl ⁻)	<30.0 ppm
Magnesium (Mg ²⁺)	<50.0 ppm

* IEST-RP-CC004.3 Section 7.2.2.1B (Standard Extraction)

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.

