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 comformable to clean tight, hard to access areas

TekniMax™ DX
CLEANROOM WIPES
ENGINEERED FOR SUPERIOR CLEANING

TZ1MF-12
12" x 12" (30cm x 30cm)
Microfiber, Nonwoven
Qty. 150 Wipes

Teknipure

TekniMax™ DX
CLEANROOM WIPES
ENGINEERED FOR SUPERIOR CLEANING

TZ1MF-99
9" x 9" (23cm x 23cm)
Microfiber, Nonwoven
Qty. 150 Wipes

Teknipure

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

Particles & Fibers	Target (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.