

# 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



# TekniMax™ DX Nonwoven Microfiber Wipers

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

## Physical Properties

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

## Purity Specifications

|                               | Target                                        |
|-------------------------------|-----------------------------------------------|
| <b>Particles &amp; Fibers</b> | (x 10 <sup>6</sup> particles/m <sup>2</sup> ) |
| 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 <sup>2</sup> |
| DI Water   | <0.03 g/m <sup>2</sup> |

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

## Extractable Ions

| Ion                           | Target    |
|-------------------------------|-----------|
| Sodium (Na <sup>+</sup> )     | <50.0 ppm |
| Potassium (K <sup>+</sup> )   | <30.0 ppm |
| Calcium (Ca <sup>2+</sup> )   | <30.0 ppm |
| Chloride (Cl <sup>-</sup> )   | <30.0 ppm |
| Magnesium (Mg <sup>2+</sup> ) | <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.



Toll Free: 844.309.2376



Info@Teknipure.com



www.Teknipure.com