



Innovative  
Contamination  
Solutions

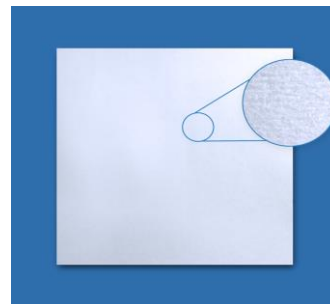
## TekniZorb Nonwoven Polyester/Cellulose Wiper

### Product Description

Teknizorb cleanroom wipes are made from a hydroentangled blend of 55% cellulose / 45% polyester. This creates a strong, clean, and very absorbant wipe for liquid removal or lint free wiping of surfaces for contamination removal. This nonwoven wipe exhibits lower particle and fiber release than other comparable products thru a unique blending process. Class 1000 packaged

### Composition & Attributes

- \* Hydroentangled 55% Cellulose / 45% Polyester Nonwoven wipe
- \* Low particle and fiber generation
- \* Extremely high absorbancy per basis weight
- \* Maintains hi strength in wet applications
- \* Works well with IPA and other cleaning solvents



### Applications

- \* Ideal for spill pick up in controlled environments or gown room wipe
- \* Excellent choice for general purpose wiping; clean & economical
- \* Soft texture for scratch sensitive surfaces & very durable
- \* Autoclavable for aseptic environments
- \* Compatible with ISO Class 6+ (Class 1000) cleanroom environments

### Physical Properties

- \* Basis Weight 68g/m<sup>2</sup> (+/-5g/m<sup>2</sup>)
- \* Material 55% Cellulose/45% Polyester
- \* Absorbency Extrinsic Capacity: >280ml/m<sup>2</sup>  
Intrinsic Capacity: >4ml/g  
Sorptive Rate: < 1 second

### Purity Specifications

#### \* Particles & Fibers

|                          |                       | <u>Maximum</u>           | <u>Typical</u>           |
|--------------------------|-----------------------|--------------------------|--------------------------|
| particles/m <sup>2</sup> | Particles (0.5-100um) | 80 x 10 <sup>(6)</sup>   | 50 x 10 <sup>(6)</sup>   |
| fibers/m <sup>2</sup>    | Fibers (>100um)       | 0.26 x 10 <sup>(6)</sup> | 0.18 x 10 <sup>(6)</sup> |

#### \* Nonvolatile Residue

|                                       |                |             |             |
|---------------------------------------|----------------|-------------|-------------|
| g/m <sup>2</sup> / ug/cm <sup>2</sup> | IPA Extractant | 0.007 / 0.7 | 0.006 / 0.7 |
| g/m <sup>2</sup> / ug/cm <sup>2</sup> | DIW Extractant | 0.06 / 6.0  | 0.03 / 3.0  |

#### \* Extractable Ions

|            |                               |     |    |
|------------|-------------------------------|-----|----|
| ppm / ug/g | Calcium (Ca+)                 | <30 | 22 |
| ppm / ug/g | Chloride (Cl-)                | <30 | 20 |
| ppm / ug/g | Potassium (K+)                | <30 | 15 |
| ppm / ug/g | Magnesium (Mg <sup>2+</sup> ) | <50 | 36 |
| ppm / ug/g | Sodium (Na+)                  | <50 | 30 |

### Test Method

|                       |                |
|-----------------------|----------------|
| Orbital Shake Test    | IENT-4.3-6.1.4 |
|                       | IENT-4.3-6.2.2 |
| Short Term Extraction | IENT-4.3-7.1.2 |

Standard Extractable IENT-4.3-7.2.2.1B



### Ordering Information

#### Product

|                      | <u>Size</u>                |
|----------------------|----------------------------|
| TZ1PCS1-44           | 4" X 4" (10.2cm x 10.2cm)  |
| TZ1PCS1-77           | 7" x 7" (18cm x 18cm)      |
| TZ1PCS1-99           | 9" x 9" (22.9cm x 22.9cm)  |
| TZ1PCS1B-99 (Blue)   | 9" x 9" (22.9cm x 22.9cm)  |
| TZ1PCS1-12           | 12" x 12" (30cm x 30cm)    |
| TZ1PCS1-18           | 18" X 18" (45.7cmx45.7cm)  |
| TZ1PCS1-361000       | 36" Wide X 1000' Long Roll |
| TZ1PCS1B-4048 (Blue) | 40" x 48" Cut Sheets       |

#### Packaging

|              |              |
|--------------|--------------|
| 1200 Ea/Bag  | 10 Bag/Case  |
| 300 Ea/Bag   | 10 Bag/Case  |
| 300 Ea/Bag   | 10 Bag/Case  |
| 300 Ea/Bag   | 10 Bag/Case  |
| 300 Ea/Bag   | 10 Bag/Case  |
| 150 Ea/Bag   | 10 Bag/Case  |
| 75 Ea/Bag    | 10 Bags/Case |
| 1 Roll/Case  |              |
| 50 Each/Case |              |