

### 100% Polyester Wipes with Ultrasonically Sealed Edge

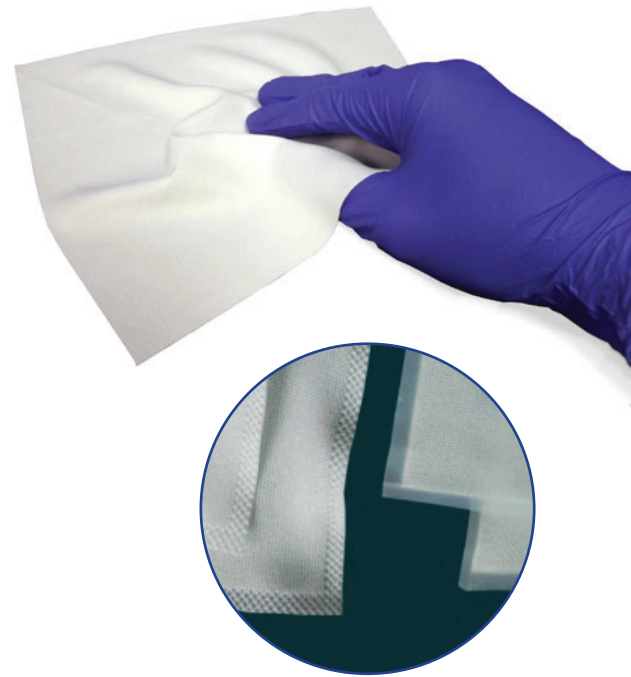
A specialized double knit enhances strength and particulate removal while improving absorbency. A cross hatched pattern on both sides delivers optimal performance when flipped over.

#### Benefits

- Minimal Stretch; Soft But Stable
- Cross-Hatched Texture Increases Surface Area.
- Good Shape Retention; No Edge Curl.
- Captures More Particles Than Single Knit Polyester Knit Wipes.

#### Key Features

- 100% Polyester Double Knit (Continuous Filament).
- Ultra Low Aerosol, Liquid, and NVR Counts.
- Great Tensile Strength that Will Not Shed or Tear.
- Continuously Monitored Production, Lot to Lot Tracking.
- Best-in-class Ultrasonically Sealed Edge for Lowest Fiber Counts
- Critical Cleanliness, Abrasion Resistance, and Chemical Compatibility
- Double Knit Pattern Enhances Entrapment and Particulate Removal
- Laundered & Double Bagged in an ISO Class 4 Cleanroom Environment



#### Ultrasonic Seal Advantages

An ultrasonic seal is more resistant to abrasion and particle shedding during use which reduces residuals. Ideal during aseptic wipedown or when cleaning surfaces, tools, and equipment.

Ultrasonic seals are robust to temperature and solvents. The polyester fuses without use of adhesives, heat, substrates, or other manufacturing byproducts. Unlike laser sintered edges, there is no carbon deposit during the sealing process.

#### Applications

- Chamber Cleaning
- Anteroom, Buffer, and Gowning Room Wipedown
- Mini Environments for Pharmaceutical Compounding
- Stainless Steel Polishing or Wipe Down
- Medical Device & Surgical Tooling Manufacturing
- Applying Disinfectant and Sanitation Solutions

#### Environments

- Aerospace
- Pharmaceuticals
- Bioscience
- Pharmacy
- Medical Devices
- Laboratories
- Assurance Testing

#### Ordering Information

| Part Number | Size      | Packaging      |
|-------------|-----------|----------------|
| CPDPUS99    | 9" x 9"   | 10 Bags of 150 |
| CPDPUS1212  | 12" x 12" | 10 Bags of 150 |



### Stringent CleanPro® Quality Testing

EDI water systems ensure the highest cleanliness within CleanPro’s wash cycle. The latest in water processing technology offers semiconductor grade water with 18 mΩ of resistance.

Air processing is oil-free with deionized water filtered to 0.1 micron for minimal residues and ions. Manufactured with real-time monitoring alarm systems that measure and monitor water purity, delivering consistency expected from critical grade manufacturing processes.

Every batch is stringently quality control tested for NVR, ion contamination, absorbency, particle count and extractables. Testing methods include FTIR, IC and LPC.

### Cleanliness

|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Packaging Environment</b>      | ISO Class 4                  |
| <b>Recommended Classification</b> | ISO Class 4 (Fed. Class 10)  |
| <b>Certificates</b>               | ISO14001:2004 : ISO9001:2008 |

### Physical Characteristics

|                  |                                 |
|------------------|---------------------------------|
| <b>Material</b>  | 100% Polyester                  |
| <b>Knit Type</b> | Double-Knit Continuous Filament |
| <b>Edge Type</b> | Ultrasonically Sealed           |

### Contamination Characteristics

| Performance Testing Characteristics | Description                    | Typical Values                 |
|-------------------------------------|--------------------------------|--------------------------------|
| <b>Basis Weight</b>                 | 125 g/m <sup>2</sup>           | 135 g/m <sup>2</sup>           |
| <b>Absorbency</b>                   |                                |                                |
| <b>Sorptive Rate</b>                | 412 ml/m <sup>2</sup>          | 420 ml/m <sup>2</sup>          |
| <b>Extrinsic Capacity</b>           | 2.0 ml/g                       | 2.0 ml/g                       |
| <b>Intrinsic Capacity</b>           | 1.0 ml/second                  | 1.0 ml/second                  |
| <b>Fibers</b>                       |                                |                                |
| <b>Test Method: IEST-RP-CC004.3</b> | > 100 um                       | 115/m <sup>2</sup>             |
| <b>Particles Readily Releasable</b> |                                |                                |
| <b>LPC (&gt; 0.5 um)</b>            | < 1,100 counts/cm <sup>2</sup> | < 1,100 counts/cm <sup>2</sup> |
| <b>APC (&gt; 0.5 um)</b>            | < 500 counts/ft <sup>3</sup>   | < 500 counts/ft <sup>3</sup>   |
| <b>Nonvolatile Residue (NVR)</b>    |                                |                                |
| <b>DI Water Extractant</b>          | ≤ 0.008 g/m <sup>2</sup>       | ≤ 0.008 g/m <sup>2</sup>       |
| <b>IPA Extractant</b>               | ≤ 0.016 g/m <sup>2</sup>       | ≤ 0.016 g/m <sup>2</sup>       |



### Contamination Characteristics (Continued)

| Ion Content                          | Description | Typical Values |
|--------------------------------------|-------------|----------------|
| Chloride                             | < 0.2 PPM   |                |
| Sulphate                             | < 0.2 PPM   |                |
| Ammonium                             | < 0.3 PPM   |                |
| Sodium                               | < 0.2 PPM   |                |
| Potassium                            | < 0.2 PPM   |                |
| Calcium                              | < 0.5 PPM   |                |
| Magnesium                            | < 0.2 PPM   |                |
| Fluoride                             | < 0.2 PPM   |                |
| Bromide                              | < 0.2 PPM   |                |
| Nitrite                              | < 0.2 PPM   |                |
| Nitrate                              | < 0.3 PPM   |                |
| Phosphate                            | < 0.3 PPM   |                |
| <b>Organic Contamination</b>         |             |                |
| No detectable silicone, amide or DOP |             |                |