

# INTEGRITY® NON-WOVEN POLYESTER/CELLULOSE WIPE

600-0501 - 600-0550

The Nonwoven Polyester/Cellulose is a hydroentangled 45% Polyester and 55% Cellulose nonwoven wipe designed for applications that require the unique combination of superior strength and exceptional sorbency. This wipe is a perfect wiping material for spill control and general purpose wiping.

## FEATURES

- Made of hydroentangled 45% Polyester and 55% Cellulose.
- Combines the strength of polyester with the absorbency of long cellulose fibers.
- Cleanroom processed and packaged to reduce particles.
- Smooth, highly sorbent and durable.
- Works well with IPA and other solvents.

## APPLICATIONS

- Recommended for use in class ISO 5-8 Class (100-100, 000) cleanroom environment.
- General purpose wiping and polishing of surface areas, including optics.
- Excellent for use in Pharmaceutical, Biotech & medical device manufacturing markets.
- Available in various sizes and packaging configurations.
- Available sterile by Gamma Irradiation.



## PERFORMANCE CHARACTERISTICS

| ATTRIBUTE           | UNITS             | VALUE | TEST METHOD                       |
|---------------------|-------------------|-------|-----------------------------------|
| Basis Weight        | g/m <sup>2</sup>  | 68    | TAPPIT-410                        |
| Thickness           | µm                | 300   | TAPPIT-411                        |
| Sorbency Capacity   | ml/m <sup>2</sup> | 288   | IEST-RP-CC004.3, Sec 8.1/ Sec 8.2 |
| Sorbency Efficiency | ml/gr             | 4.25  |                                   |
| Rate                | Seconds           | <0.8  |                                   |



To request a quotation or for more information, please call **+1 512-713-0127**, email [info@integritycleanroom.com](mailto:info@integritycleanroom.com) or visit [www.integritycleanroom.com](http://www.integritycleanroom.com).

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## CONTAMINATION CHARACTERISTICS

| NONVOLATILE RESIDUE, NVR | UNITS            | VALUE | TEST METHOD                 |
|--------------------------|------------------|-------|-----------------------------|
| IPA                      | g/m <sup>2</sup> | 0.007 | IEST-RP.CC004.3 , Sec 7.1.2 |
| DIW                      | g/m <sup>2</sup> | 0.021 |                             |

## FTIR

Ion Content, NO Silicon Oil, Amide and DOP detected.

| IONS                                       | UNITS | VALUE | TEST METHOD                |
|--|-------|-------|----------------------------|
| Sodium (Na <sup>+</sup> )                  | ppm   | 33.8  | IEST-RP.CC004.3, Sec 7.2.2 |
| Potassium (K <sup>+</sup> )                | ppm   | 7.0   |                            |
| Magnesium (Mg <sup>++</sup> )              | ppm   | 4.6   |                            |
| Calcium (Ca <sup>++</sup> )                | ppm   | 17.3  |                            |
| Chloride (Cl <sup>-</sup> )                | ppm   | 68.7  |                            |
| Sulphate ( SO <sub>4</sub> <sup>2-</sup> ) | ppm   | 66    |                            |

## PARTICLES

| UNITS         | VALUE   | TEST METHOD                                  |
|---------------|---|--|
| LPC (≥0.5 μm) | 75 x 10 <sup>6</sup> particles/m <sup>2</sup>                           | IEST-RP-CC004.3, Sec 6.1.4                   |
| APC; ≥0.5μm   | 300 counts/pc/cfm<br>5.67 x 10 <sup>3</sup> counts/ m <sup>2</sup> /cfm | IEST-RP-CC003.2 (Helmke Drum Test @10rpm)    |
| Fiber > 100μm | 86,000 fibers/m <sup>2</sup>  | IEST-RP-CC004.3, Sec 6.1.4, 6.2.2.1, 6.2.2.2 |

NOTE:

Particle data representative of a 9"x9" wipe.

| PRODUCT CODE | SIZE    | PACKAGING   |
|--------------|---------|---|
| 600-0501     | 9"x9"   | 100 wipes/pack, 10/packs/case 1,000 wipes/case, carton lined. |
| 601-4150     | 9"x9"   | 300 wipes/pack, 12/packs/case 3,600 wipes/case, carton lined. |
| 601-4100     | 12"x12" | 150 wipes/pack, 10/packs/case 1,500 wipes/case, carton lined. |
| 600-0550     | 16"x15" | 100 wipes/pack, 10/packs/case 1,000 wipes/case, carton lined. |

NOTE:

\*Data shown are typical values and should not be used as specifications.



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