

Data Sheet



QT PRE-SATURATED NON-WOVEN CP WIPES

QT's Hydroentangled Cellulose/Polyester wipers are a cost-effective cleanroom wiper providing low levels of particles and fibers at an economical price. These highly absorbent wipers offer good wet strength and can be used for many general cleaning applications. The perfect wiper for sanitizing articles prior to pass through, routine cleaning and wiping down of tools, instruments and other equipment. QT's Pre-Saturated Hydroentangled Cellulose/Polyester wipers are available with 70% IPA, 70% SDA and RTU Detergent.

Non-Woven CP Wipes

The Nonwoven cellulose polyester is a hydroentangled 55% cellulose and 45% polyester nonwoven wiper designed for applications that require the unique combination of superior strength and exceptional absorbency. This wiper is a perfect wiping material for cleaning and general-purpose wiping.

Features

- Made of hydroentangled 55% cellulose and 45% polyester
- Cleanroom processed and packaged to reduce particles
- Combines the strength of polyester with the absorbency of long cellulose fibres
- Smooth, highly absorbent and durable
- Works well with IPA and other solvents
- 9" x 11"

Applications

- Recommended for use in Class 100 – 100,000 cleanroom environments
- General purpose wiping of surface areas, including equipments
- Excellent for use in Pharmaceutical, Biotech & medical device manufacturing markets
- Acceptable for use in aseptic areas

Technical Data

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| Basis Weight | 68 ±4 gsm |
| Thickness | 0.27 - 0.34 mm |
| Absorbency Capacity (IEST-RP-CC004.3, Sec 8.1) | ≥ 250 mL/m ² |
| Absorbency Rate (IEST-RP-CC004.3, Sec 8.2) | < 1.0 sec |
| Non-volatile Residue, NVR (IEST-RP-CC004.3, Sec 7.1.2) | |
| In WFI water | 0.021 g/m ² |
| In IPA | 0.007 g/m ² |
| Organics by FTIR (IEST-RP-CC004.3, Sec 7.2.1) | No Silicone oil, Amide, DOP detected |
| Particles by LPC (IEST-RP-CC004.3, Sec 6.1.4) | 75.0 x 10 ⁶ counts/m ² |
| Fibre, Particles >100µm (IEST-RP-CC004.3, Sec 6.1.4, 6.2.2.1, 6.2.2.2) | 86,181 counts/pc |
| Particles by APC sizes ≥0.5µm (IEST-RP-CC003.2, Helmke drum @ 10rpm) | |
| Ionics, IC (IEST-RP-CC004.3, Sec 7.2.2) | |
| Chloride (Cl) | 68.79 ppm |
| Sodium (Na) | 33.89 ppm |
| Potassium (K) | 7.051 ppm |
| Magnesium (Mg) | 4.63 ppm |
| Calcium (Ca) | 17.37 ppm |

Note:

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



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QuantumTec offers a complete line of Pre-Saturated wipers in many sizes, packaging quantities and substrates.

All QT Pre-Saturated Wipers are available in both Sterile & Non-Sterile variants.

Each Peel & Reseal pouch is lot numbered and expiry date coded for complete traceability and straightforward record keeping.

All Sterile product is individually double-bagged in heat sealed poly bags and packaged in cases with individually sealed double case Liners.

Sterile wipers are Gamma irradiated to SAL of 10^{-6} at 25-45 kGy.

Product Specific Technical Data Sheets are available for Pre-Saturated wipers listed below.

| Part No. | Description | Quantity | Dimension | Weight | HS Code | UN Code | Shelf Life |
|-----------------|---|-----------------|-----------------------------------|---------|--------------|---------|------------|
| QT1531-911x20 | Presat Non-Woven Cellulose Polyester Wipes 70% IPA, 30% WFI, 9"x11" – Sterile | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 2905.12.0000 | UN3175 | 24 months |
| QT1531-911x20NS | Presat Non-Woven Cellulose Polyester Wipes 70% IPA, 30% WFI, 9"x11" | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 2905.12.0000 | UN3175 | 24 months |
| QT2533-911x20 | Presat Non-Woven Cellulose Polyester Wipes 70% SDA with Methanol, 30% WFI, 9"x11" – Sterile | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 3808 94 9000 | UN3175 | 24 months |
| QT2533-911x20NS | Presat Non-Woven Cellulose Polyester Wipes 70% SDA with Methanol, 30% WFI, 9"x11" | 10 pouches/case | 290mm (L) x 190mm (W) x 250mm (H) | 3.70 kg | 3808 94 9000 | UN3175 | 24 months |
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PRODUCTS AVAILABLE STERILE OR NON-STERILE.