Dry and Pre-wetted
Cleanroom Wipers

From the leading manufacturer of wipers for cleanrooms and for controlled and sterile environments.
More than 40 years ago, The Texwipe Company — now ITW Texwipe — developed the first family of wipers for contamination control for the expanding electronics industry. The semiconductor industry has continually advanced its technology, and thereby increased its requirements for cleaner processing environments. ITW Texwipe has continued to meet these requirements with technical innovation.

ITW Texwipe evolved its products and services to meet the needs of other industries including pharmaceuticals, medical equipment and devices, aerospace, nanotechnology, biotechnology, research and specialty segments of industrial manufacturing.

ITW Texwipe provides the leading products in several families of contamination control consumables:
- Dry wipers
- Pre-wetted wipers
- Sterile wipers
- Sterile alcohol
- Cleanroom swabs
- Cleanroom stationery
- Cleanroom mops

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Product Development
ITW Texwipe is committed to supplying the highest quality, most consistent cleanroom consumable products. We invest in technology, innovation and quality to create and maintain state-of-the-art systems. The results are new, improved cost-effective products. From Vectra® processed, sealed-border wipers to CleanPak® pre-wetted wipers to CleanTips® swabs, ITW Texwipe achieves superior product quality and consistency by utilizing technological innovations, including quality analysis and intricate test methodologies.

Wiper Engineering
ITW Texwipe maintains a staff of contamination control and fabric experts to develop and qualify the most effective wiper materials for your applications.

Metrology
ITW Texwipe developed many of the standard test methods used in the cleanroom wiper industry. We pioneered the use of scanning electron microscopy and automated liquid particle counting to assess releasable fibers and particles. Additionally, ITW Texwipe uses ion chromatography to measure ion concentration, and FTIR and UV to identify residual organic components.

Manufacturing
ITW Texwipe developed the key manufacturing breakthroughs in cleanroom wipers: from the double-sided twill bias-cut cotton wipers in the early 1960’s, to the cleanroom-laundered polyester wipers in the 1970’s. The 1980’s introduced the patented, sealed-border of the cleanroom laundered Alpha® 10 knit wipers, and in 1998, the unique Vectra® manufacturing process was instituted.

The Vectra process is an automated, continuous cleaning process. It eliminates the wiper abuse from standard cleanroom laundries, and its automated machine vision inspects 100% of the wipers without the need for human interaction. Vectra-processed wipers are the cleanest and most consistent wipers for the most demanding cleanroom requirements.

Technical Support
ITW Texwipe provides technical and practical support directly to customers and through our global distributor partners. We offer cleaning recommendations and facility audits to ensure our customers have the most effective cleaning protocols for optimum operations.

ITW Texwipe also provides tools and technical expertise through literature and instructional posters. Our experience has led to the development of simple, straightforward guides for standard contamination control practices.

Please contact us at 1-800-TEXWIPE or at www.texwipe.com for more information about our products and services.
Fabric Primer for Cleanrooms

Engineering cleanroom wipers starts with the development of the fabric.

**Knitted**
Knit fabric consists of interlacing loops of yarn which offers several design options — knit pattern, yarn chemistry and yarn structure. Knit wipers provide great cleaning efficiency and good abrasion resistance, chemical tolerance and sorption. They are the primary wipers used in ISO Class 3-6 cleanrooms.

**Nonwoven**
The nonwoven family includes patterned polymer films, mechanically interwoven or chemically bonded fibers and composites of multiple layers. Nonwoven wipers offer a wide range of performance properties. They tend to be less expensive and are good for areas that can tolerate higher levels of releasable particles and fibers.

**Fibers and Yarn**
Fibers are classified as either staple or filament. A staple fiber is a short, manufactured strand, usually 1” – 3” long. Staple yarn is spun staple fiber. Staple fibers and yarn tend to break and release particles from the wiper.

Filament fibers are continuous strands, like polyester, nylon and silk. Filament yarn consists of bundles of filament fibers. Filament yarn is durable, so it releases fewer particles. Most cleanroom wipers are based on polyester yarn due to its’ relative ease of use, availability, chemical resistance and autoclavability.

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**Dry Wiper Selection Guide**

<table>
<thead>
<tr>
<th>Cleanroom Class</th>
<th>Optimum Wiper Type</th>
<th>Page</th>
<th>ITW Texwipe Wipers</th>
<th>Attributes</th>
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</thead>
<tbody>
<tr>
<td>ISO Class 3–5*</td>
<td>Sealed-border wipers</td>
<td>4</td>
<td>Vectra® Alpha® 10</td>
<td>Lowest particle, fiber, NVR and ionic levels. Wiper borders are sealed; product is Vectra® processed or cleanroom laundered and packaged.</td>
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<td></td>
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<td>Vectra® Alpha® MD</td>
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<td>Vectra® Alpha® Nu</td>
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<td></td>
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<td>5</td>
<td>Vectra® Quantex®</td>
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<td></td>
<td></td>
<td>5</td>
<td>TexTra® 10</td>
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<td></td>
<td>Sealed-edge wipers</td>
<td>6</td>
<td>TheraSeal® 60</td>
<td>Sealed-edge cleanroom laundered wipers. Extremely low in particles, NVR’s and ionic contaminants.</td>
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<td>ISO Class 5–8*</td>
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<td>AlphaWipe®</td>
<td>Wipers are cut, laundered and cleanroom packaged to provide low particle, fiber, NVR and ionic levels; minimal release of fibers.</td>
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<td></td>
<td></td>
<td>7</td>
<td>TexTra®</td>
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<td></td>
<td></td>
<td>7</td>
<td>AlphaLite®</td>
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<td>7</td>
<td>MiracleWipe®</td>
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<td>Nonwoven wipers</td>
<td>8</td>
<td>TechniCloth®</td>
<td>Efficient wipers with high sorption.</td>
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<td>Hydroentangled</td>
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<td>TechniCloth® II</td>
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<td>polyester/cellulose blends</td>
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<td>VersaWipe®</td>
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<td>9</td>
<td>BlueWipe®</td>
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<td>Specialty wipers</td>
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<td>Absorbond®</td>
<td>Lowest NVR available with a soft, optical-grade texture.</td>
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<tr>
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<td>Hydroentangled polyester</td>
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<td>TexWipe®</td>
<td>Excellent heat resistance, sorption and ESD properties.</td>
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<td>Cotton</td>
<td>NuCotton®</td>
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<td>11</td>
<td>BetaWipe®</td>
<td>Ideal for sensitive surfaces. High sorption, acid tolerant.</td>
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<td>FoamiWipe®</td>
<td>Soft, high sorption.</td>
</tr>
<tr>
<td></td>
<td>cellulose composite</td>
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</table>

*These are general guidelines for wiper selection. Please contact your Texwipe representative for additional details.*
Sealed-Border Wipers

ITW Texwipe invented and patented the sealed-border wiper to prevent the release of particles and fibers. These wipers have set the standard as the cleanest, most effective wipers for ISO Class 3 cleanrooms, mini-environments and semiconductor processing equipment. All our sealed-border wipers are constructed of 100% continuous-filament double-knit polyester.

**Alpha** 10

**AlphaSorb** 10
Premium two-ply, sealed-border polyester wiper for high sorption. Abrasion-resistant wiper with soft, flexible hand, designed to pick up large amounts of liquid and to apply chemicals. Ideal for use when one wiper is needed for multiple environments.

**Honeycomb** 10
Sealed-border polyester wiper for grit and residue removal. Unique knit pattern for scrubbing and for grit encapsulation. Excellent sorption and abrasion resistance.

**Quantum** 100
Sealed-border, polyester wiper with softer feel and higher sorption than Alpha 10. Good abrasion resistance.

**Nu** 100
Sealed-border 100% continuous-filament polyester. Absorption characteristics of a cellulose wiper with the cleanliness of a polyester wiper. No barrier film left behind, low particle counts and NVRs and immediate adsorption of liquids.

**MD**
Sealed-border microdenier polyester wiper with excellent sorption, abrasion resistance and wiping efficiency. Extra soft hand is ideal for optics and high polish surfaces.

**Quantex**
Sealed-border, polyester wiper for all-purpose critical cleaning with good sorption and good abrasion resistance.

**TexTube**
Tubular-knit, high-sorption, two-ply polyester wiper with two sealed edges. Excellent for use as a clean work surface or for transporting sensitive parts. Extremely high sorption and low particle and fiber release.

**TexTra**
Sealed-border, polyester wiper for high sorption. Designed to pick up large amounts of liquid and to apply chemicals. Good abrasion resistance, ideal for use when one wiper is needed for multiple environments.

**TexTube**
Sealed-border microfiber polyester wiper with excellent sorption, abrasion resistance and wiping efficiency. Extra soft hand is ideal for optics and high polish surfaces.

**Nu** 100
Sealed-border 100% continuous-filament polyester. Absorption characteristics of a cellulose wiper with the cleanliness of a polyester wiper. No barrier film left behind, low particle counts and NVRs and immediate adsorption of liquids.

Sealed-Border Wipers — The Standard for ISO Class 3 Cleanrooms

ITW Texwipe advanced the industry standard by developing the Vectra® process for 9” x 9” wipers. Vectra is a continuous, automated cleaning process with in-line process control for the best quality and most consistent wipers. Vectra also incorporates machine vision for consistent 100% inspection and robotic stacking. Vectra-processed, sealed-border wipers feature the highest level of contamination control without the recontamination potential of conventional cleanroom laundries.
Sealed-Edge Wipers

ThermaSeal® 60 wipers feature sealed edges for lower fiber release than cut-edge wipers at a lower cost than sealed-border wipers. They are constructed of 100% continuous filament, double-knit polyester. They are laundered and packaged in a state-of-the-art ISO Class 4 cleanroom. ThermaSeal 60 wipers are low in releasable particles, NVR's and ionic contaminants.

Knit Polyester and Nylon Wipers

ITW Texwipe’s cut-edge knit wipers are used in critical environments where contamination control requirements are paramount. They are ideally suited for cleaning and wiping applications in ISO Class 5 cleanroom environments. Constructed of 100% polyester or nylon, these wipers offer low particle release and low levels of extractables. Their superior strength allows for rigorous wiping with minimal fiber release.

AlphaSorb® HC
Large, cut-edge two-ply polyester wiper for the highest sorption capacity.

- TX2412 12" x 12" nominal (31 cm x 31 cm) 100 wipers/bag
- TX2418 18" x 18" nominal (46 cm x 46 cm) 100 wipers/bag

AlphaLite®
Cut-edge light-weight, polyester wiper for general-purpose wiping in critical environments.

- TX1008 9" x 9" nominal (23 cm x 23 cm) 150 wipers/bag
- TX1008B 9" x 9" nominal (23 cm x 23 cm) double-bagged 150 wipers/bag

AlphaWipe®
Premium cut-edge, all-purpose polyester wiper for critical environments.

- TX1003 11" x 12" nominal (28 cm x 31 cm) 250 wipers/bag
- TX1004 4" x 4" nominal (10 cm x 10 cm) 300 wipers/bag
- TX1009 9" x 9" nominal (23 cm x 23 cm) 150 wipers/bag
- TX1009B 9" x 9" nominal (23 cm x 23 cm) bulk packed, 2 inner bags of 75 wipers 150 wipers/bag

TexTra®
Cut-edge, single-ply polyester wiper with sorption similar to two-ply polyester wipers and good abrasion resistance.

- TX2424 12" x 12" nominal (31 cm x 31 cm) 100 wipers/bag
- TX4004 4" x 4" nominal (10 cm x 10 cm) 600 wipers/bag
- TX4009 9" x 9" nominal (23 cm x 23 cm) 150 wipers/bag
- TX4012 10" x 12" nominal (25 cm x 31 cm) 200 wipers/bag
- TX4018 14" x 18" nominal (36 cm x 46 cm) 100 wipers/bag

AlphaLite*®
Cut-edge double-knit nylon wiper with inherent toughness, sorption, excellent abrasion resistance, high tensile strength, elasticity and durability.

- TX4004 4" x 4" nominal (10 cm x 10 cm) 600 wipers/bag
- TX4009 9" x 9" nominal (23 cm x 23 cm) 150 wipers/bag
- TX4012 10" x 12" nominal (25 cm x 31 cm) 200 wipers/bag
- TX4018 14" x 18" nominal (36 cm x 46 cm) 100 wipers/bag

MiracleWipe®
Cut-edge double-knit nylon wiper with inherent toughness, sorption, excellent abrasion resistance, high tensile strength, elasticity and durability.

- TX4004 4" x 4" nominal (10 cm x 10 cm) 600 wipers/bag
- TX4009 9" x 9" nominal (23 cm x 23 cm) 150 wipers/bag
- TX4012 10" x 12" nominal (25 cm x 31 cm) 200 wipers/bag
- TX4018 14" x 18" nominal (36 cm x 46 cm) 100 wipers/bag

Also available as sterile wipers and pre-wetted with TexPure®.

TexPure®

AlphaLite*®

ISO Class 3-5

ISO Class 5-8

Also available as sterile wipers and in CleanPaks pre-wetted with IPA.

*TX1024 and TX1024W are convenient for use as mop and bench/tool covers.
ITW Texwipe offers a family of blended general purpose nonwoven wipers for cleaning and spill control in critical environments. TechniCloth®, TechniCloth® II, VersaWipe® and BlueWipe® all consist of hydroentangled cellulose and polyester fibers. This blend combines the high sorption of natural cellulose and the cleanliness and strength of polyester.

These cleanroom wipers are ideal for ISO Class 5-8 cleanrooms, gowning areas, isolators, anterooms, and buffer areas. Texwipe offers these wipers in several forms: dry, pre-wetted, sterile wet and dry, and as mop covers.

Dry wipers will completely dry a surface and leave no film layer. Pre-wetted wipers can dispense a film of the desired solvent, disinfectant or other surface treatment.

TechniCloth®

TechniCloth offers the lowest level of releasable ions and non-volatile contaminants, contains no chemical binders and tolerates most standard solvents. Its blend of 55% cellulose and 45% polyester provides the optimum balance of sorption, durability and cleanliness.

- TX604 4” x 4” nominal (10 cm x 10 cm) 1,200 wipers/bag 4 inner bags of 300 wipers 10 bags/case
- TX606 6” x 6” nominal (15 cm x 15 cm) 600 wipers/bag 2 inner bags of 300 wipers 10 bags/case
- TX609 9” x 9” nominal (23 cm x 23 cm) 300 wipers/bag double-bagged 10 bags/case
- TX512 12” x 12” nominal (31 cm x 31 cm) 150 wipers/bag double-bagged 10 bags/case

Also available as sterile wipers, CleanPaks pre-wetted with IPA and mop covers.

TechniCloth® II

TechniCloth II features Texwipe’s proprietary ULP (ultra-low particulate) treatment, so it releases significantly fewer particles and fibers than the standard TechniCloth wipers. Its blend of 55% cellulose and 45% polyester provides the optimum balance of sorption, durability and cleanliness.

- TX1109 9” x 9” nominal (23 cm x 23 cm) 300 wipers/bag double-bagged 10 bags/case
- TX1112 12” x 12” nominal (31 cm x 31 cm) 150 wipers/bag double-bagged 10 bags/case
- TX1118 18” x 18” nominal (46 cm x 46 cm) 75 wipers/bag double-bagged 10 bags/case

VersaWipe®

VersaWipe contains no chemical binders and tolerates most standard solvents. Its blend of 55% cellulose and 45% polyester provides the optimum balance of sorption, durability and cleanliness.

- TX624 4” x 4” nominal (10 cm x 10 cm) 1,200 wipers/bag 4 inner bags of 300 wipers 10 bags/case
- TX629 9” x 9” nominal (23 cm x 23 cm) 300 wipers/bag double-bagged 10 bags/case
- TX622 12” x 12” nominal (31 cm x 31 cm) 150 wipers/bag double-bagged 10 bags/case

BlueWipe®

Blue utility wiper features excellent durability, good sorption and lower extractables. It is used for general wiping and spill control in less critical environments and industrial applications. The wiper indicates that it is wet by changing color from light to dark blue.

- TX512 12” x 12” (31 cm x 31 cm) 50 wipers/bag C-folded wipers with color indication feature 10 bags/case
ITW Texwipe’s continued development of cleanroom wipers has resulted in a family of specialty wipers for specific applications. These wipers are:

- **Absorbond®**: Soft, hydroentangled polyester wiper for optics
- **BetaWipe™**: Composite wiper for acids, etchants and chemical spills
- **FoamWipe™**: Polyurethane foam wiper
- **NuCotton®**: Cotton twill-pattern wiper
- **TexWipe®**: Double-sided cotton twill wiper

ITW Texwipe continues to work with industry leaders to develop new wipers, new services and new technology for contamination control.

**Absorbond®**
Hydroentangled polyester wiper with a unique combination of features: soft, non-abrasive, very low extractables, chemical tolerance, and high sorption.

Absorbond wipers are excellent for many applications: cleaning and handling optical-grade components, low-contamination work surfaces, protective packaging for delicate components, applications requiring high purity, and sorption of alcohol and solvents.

**TexWipe®**
Strong cotton wiper, double-sided, bias cut to minimize fraying. Ideal for high temperature applications, spill removal, work surfaces and static dissipative applications.

**NuCotton®**
Good for high temperature applications, spill removal, static dissipative and less critical cleaning applications.

**BetaWipe™**
Composite wiper of thermally bonded polypropylene, cellulose and polypropylene in a sandwich structure. Designed for the removal of acids, etchants and chemical spills in controlled environments. Ideal for cleaning and polishing instruments.

**FoamWipe™**
Open-cell polyurethane wiper with excellent solvent capacity. Used as a clean replacement for cellulose sponges and as a padded work surface.

**Product and Customer Support**
ITW Texwipe is the technical and market leader in cleanroom wipers. We provide innovative materials and services for cleaning critical environments in the electronics, pharmaceutical and medical device industries. To support your needs, we provide –

- On-site Facility Audits
- Training Posters
- Technical Article Reprints
- Product Line Brochures
- Technical Datasheets and Sample Binders
- Test Methods
- Website
## Wiper Cleanliness Chart

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<thead>
<tr>
<th>Cleanroom Class</th>
<th>Optimum Wiper Type</th>
<th>ITW Texwipe Wipers</th>
<th>Releasable Particles and Fibers</th>
<th>Non-Volatile Residue</th>
<th>Ion Levels</th>
<th>Performance Characteristics</th>
<th>Absorbency m/l²</th>
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<tbody>
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<td>ISO Class 3–5</td>
<td>Sealed Border</td>
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<td>2.2 81,000 180</td>
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<td>VersaWipe®</td>
<td>71 1.0 x 10⁶ 292,600</td>
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<td>47.0 2.00 24.0</td>
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<td>BlueWipe®</td>
<td>200 4.0 x 10⁶ 140,000</td>
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<td>15.0 3.00 24.0</td>
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<td>Absorbond®</td>
<td>60 1.5 x 10⁵ 23,000</td>
<td>0.01 0.005 7.00 2.00 5.00 210‡</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Polyester</td>
<td>Cotton</td>
<td>375 15 x 10⁵ 80,000</td>
<td>0.35 0.20 50.0 2.00 4.00 250</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Foam</td>
<td>FoamWipe®</td>
<td>10 2.5 x 10⁵ 8,500</td>
<td>2.79 1.28 83.0 ND 18.0 625‡</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Cellulose Composite</td>
<td>BetaWipe™</td>
<td>500 5.0 x 10⁵ 90,000</td>
<td>0.91 0.28 50.0 6.00 11.0 555</td>
<td></td>
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</tr>
</tbody>
</table>

* ASTM E2090 provides a more sensitive test and a more complete measurement of particles and fibers than other standard test methods.
** 12” x 12” wipers tested.
† Absorbency test performed using IPA. ND—Non Detected
CleanPaks Pre-wetted Wipers

CleanPaks feature cleanroom wipers pre-wetted with isopropyl alcohol (IPA) and deionized water (DIW). They provide more consistent cleaning than dry wipers and squirt bottles due to the optimum saturation level and the consistent concentration.

CleanPaks pre-wetted wipers offer several advantages:
- Reduced use of squirt bottles
- Fewer VOCs
- Safer to ship, store and use
- Easier to use

ITW Texwipe also offers sterile pre-wetted wipers and wipers with other solvents.

What is a VOC?

One of the most common terms used across various industries is VOC (Volatile Organic Compounds)—as in reduced VOC and VOC content.

Emissions of VOCs, in and of themselves, do not necessarily give rise to health or environmental concerns. In many areas, however, they react with oxides of nitrogen (NOx) in the presence of heat and sunlight to form ground level ozone—the primary compound of “smog.” For that reason, they are regulated as “ozone precursors” under the Federal Clean Air Act and similar state laws.

In order to reduce ozone levels, federal and state agencies have developed regulations to reduce VOC emissions from a variety of sources, including products that contain solvents (e.g. IPA).

The use of CleanPak pre-wetted wipers is an excellent way to reduce VOC emissions when compared to the use of squirt bottles and dry wipers.

CleanPaks not only reduce VOCs, but also eliminate the problems associated with purchasing, storing, filtering, and diluting solvents. CleanPaks also eliminate the maintenance of squirt bottles. This all adds up to savings for your organization.
## Pre-wetted Wiper Selection Guide

### About the Different Substrates:

**AlphaSat® with Vectra® Alpha 10**
Knitted 100% polyester sealed-border wiper for use in the most critical environments and where abrasion resistance is required. Vectra processing eliminates partial blooming of oligomers commonly found in wipers pre-wetted with high concentrations of alcohol.

**AlphaSat® with Vectra® AlphaSorb® 10**
Two-ply, knitted 100% polyester sealed-border wiper for use in the most critical environments where spill control and absorbency are of paramount importance.

**QuanSat™ with Vectra® Quantex™**
Knitted 100% polyester sealed-border wiper for use in the most critical environments. Offers good all around performance including high abrasion resistance without sacrificing absorbency at an economical price. Vectra processing eliminates partial blooming of oligomers commonly found in wipers pre-wetted with high concentrations of alcohol.

**AlphaSat® with AlphaWipe®**
Knitted 100% polyester cut-edge wiper for use in ISO Class 5 cleanroom environments requiring low particles, fibers, NVR and ions.

**TexTra™ with TexPure®**
Knitted 100% polyester cut-edge wiper with the liquid holding capacity of a two-ply wiper. Pre-wetted with TexPure®, a surfactant-free, alcohol-free concentrated cleaning solution. Formulated to remove CMP oxide slurry residue.

**TechniSat® with TechniCloth®**
Hydroentangled nonwoven 55% cellulose and 45% polyester blend wiper combines the highly absorbent properties of a natural fiber with the cleanliness, strength and durability of a synthetic wiper.

**PolySat®**
Durable polypropylene cut-edge wiper, good for surface cleaning.

### Products / Wiper Dimensions

<table>
<thead>
<tr>
<th>Solution</th>
<th>Substrate</th>
<th>Dispenser</th>
</tr>
</thead>
<tbody>
<tr>
<td>100% IPA</td>
<td>70% IPA</td>
<td>60% IPA</td>
</tr>
<tr>
<td>TX1034</td>
<td>4&quot; x 4&quot; (10 cm x 10 cm) 200 wipers</td>
<td>3-5</td>
</tr>
<tr>
<td>TX1036</td>
<td>6&quot; x 6&quot; (15 cm x 15 cm) 75 wipers</td>
<td>3-5</td>
</tr>
<tr>
<td>TX1039</td>
<td>9&quot; x 9&quot; (23 cm x 23 cm) 50 wipers</td>
<td>3-5</td>
</tr>
<tr>
<td>TX1041</td>
<td>9&quot; x 11&quot; (23 cm x 28 cm) 70 wipers</td>
<td>3-5</td>
</tr>
<tr>
<td>TX1045</td>
<td>8&quot; x 8&quot; (20 cm x 20 cm) 100 wipers</td>
<td>3-5</td>
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<tr>
<td>TX1048</td>
<td>8&quot; x 5&quot; (20 cm x 13 cm) 210 wipers</td>
<td>3-5</td>
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<tr>
<td>TX1051</td>
<td>9&quot; x 11&quot; (23 cm x 28 cm) 50 wipers</td>
<td>3-5</td>
</tr>
<tr>
<td>TX1057</td>
<td>9&quot; x 9&quot; (23 cm x 23 cm) 40 wipers</td>
<td>3-5</td>
</tr>
<tr>
<td>TX1065</td>
<td>9&quot; x 11&quot; (23 cm x 28 cm) 50 wipers</td>
<td>3-5</td>
</tr>
<tr>
<td>TX1082</td>
<td>9&quot; x 9&quot; (23 cm x 23 cm) 50 wipers</td>
<td>3-5</td>
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<tr>
<td>TX1084</td>
<td>9&quot; x 9&quot; (23 cm x 23 cm) 50 wipers</td>
<td>3-5</td>
</tr>
<tr>
<td>TX1086</td>
<td>9&quot; x 9&quot; (23 cm x 23 cm) 50 wipers</td>
<td>3-5</td>
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<tr>
<td>TX1088</td>
<td>12&quot; x 12&quot; (31 cm x 31 cm) 25 wipers</td>
<td>3-5</td>
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<tr>
<td>TX8395</td>
<td>9&quot; x 9&quot; (23 cm x 23 cm) 60 wipers</td>
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<td>TX8398</td>
<td>9&quot; x 11&quot; (23 cm x 28 cm) 50 wipers</td>
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<td>TX8410</td>
<td>9&quot; x 9&quot; (23 cm x 23 cm) 50 wipers</td>
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<td>TX8415</td>
<td>9&quot; x 9&quot; (23 cm x 23 cm) 50 wipers</td>
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<tr>
<td>TX8442</td>
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<td>3-5</td>
</tr>
<tr>
<td>TX8488</td>
<td>9&quot; x 11&quot; (23 cm x 23 cm) 300 wipers</td>
<td>3-5</td>
</tr>
</tbody>
</table>
For over 40 years, ITW Texwipe has provided innovative technology and materials for cleaning critical environments. Cleanrooms are widely used in many industries, including pharmaceutical, medical device, semiconductor, data storage, automotive and aerospace.

As a global company, ITW Texwipe has corporate headquarters in North America, offices in Europe and Asia and manufacturing facilities in the United States and the Philippines.

Our worldwide network of distributors serves over 20,000 customers and is backed by our specialized technical support.

ITW Texwipe’s cleaning and contamination control products include a complete line of sterile wipers, sterile alcohols, sealed-border wipers, sealed-edge wipers, pre-wetted wipers, swabs, TOC kits, cleanroom mopping systems, and cleanroom stationery and notebooks.

More detailed information about these or any other Texwipe products can be obtained by contacting your ITW Texwipe representative at 1-800-TEXWIPE or by visiting us online at www.texwipe.com