



VELTEK ASSOCIATES, INC.

TECHNICAL DATA FILES



WipeDown[®] and WipeDown[®] High Sorb

Laundered Polyester Dry Wipe

Product Overview

VAI®'s **WipeDown®** Dry Wipes are an ultra-clean, superior, laundered dry wipe suitable for use in a cleanroom environment. These dry wipes are available in two sorbancy options, **WipeDown** and **WipeDown High Sorb**. **WipeDown** Dry Wipes are ideal for use in both aseptic and non-aseptic wipe downs of filling and packaging machinery, stainless steel surfaces, lexan, polycarbonate, glass, and any critical surface that requires cleaning. **WipeDown High Sorb** Dry Wipes are ideal for use in both aseptic and non-aseptic areas to keep the surface dry, residue free, and streak free after chemical application. Both sorbancies of **WipeDown** Dry Wipes are available sterile in a standard 12"x12" (30.5 cm x 30.5 cm) size.

WipeDown and **WipeDown High Sorb** Dry Wipes are packaged in ISO 5 (Grade A/B, former Class 100) and subsequently terminally sterilized to a 10^{-6} sterility assurance level. Individual lots are lot sterility tested according to current USP compendium, are completely traceable, and completely validated for sterility and shelf life. **WipeDown** and **WipeDown High Sorb** is delivered each time with lot specific Certificate of Irradiation, Certificate of Conformance, and Certificate of Sterility.

The material used in our **WipeDown** and **WipeDown High Sorb** Dry Wipes is a 100% continuous knit polyester filament that has been specifically designed to be exceptionally clean and absorbent. Particulates, residues, and foreign matter is effectively entrapped in the webbing of the material. The knit construction and pattern has been developed to ensure the greatest product integrity and cleaning performance while offering high resistance to abrasion and picking.

FocusEdge cutting technology is the standard that VAI uses to cut their wipes. This cutting method does not heat the yarn bundles as high as lasers, therefore, eliminating the small plastic balls that form on the end of every yarn strand. Due to the wipe's sealed edges, shedding is minimal during wipe downs or general use, therefore, reducing particulates in controlled environments. After cutting, the wipes are then laundered in ISO Class 4 conditions to ensure cleanliness.

VAI's **WipeDown** and **WipeDown High Sorb** Dry Wipes are packaged 20 wipers per bag in an opaque, easy-tear style bag. These wipes are bulk packaged with 5 bags per single outer bag pack in easy tear bags with two case liner bags for easy transport into the core.



100% Polyester Wiper Substrate

WipeDown Dry Wipe

Quality and Manufacturing

- Wipe material laundered in ISO 4 (Grade A/B, Former Class 10)
- Packaged in ISO 5 (Grade A/B, Former Class 100)
- Gamma irradiated to 10⁻⁶ SAL
- Cut using FocusEdge cutting technology
- Lot sterility tested according to current USP Compendium
- Completely lot traceable
- Completely validated for sterility and shelf life

Features and Benefits

- ISO 5 (Grade A/B, Former Class 100) Cleanliness
- Each sterile bag is bulk packaged in an additional single outer bag pack
- Packaged in an opaque, easy-tear style bag
- Wipes folded for easy removal
- Individually labeled with lot number and expiration
- For use on a multitude of surfaces
- 100% synthetic filament polyester constructed in a continuous knit that minimizes fiber and particulate release
- Material is exceptionally clean and absorbent
- Resistance to abrasion and picking
- FocusEdge allows for minimal shedding via sealed edges
- Ideal for disinfectant application in cleanroom environments
- Can be used in both aseptic or non-aseptic environments
- Standard 12”x12” (30.5 cm x 30.5 cm) size
- Delivered with lot specific Certificate of Irradiation, Certificate of Sterility, and Certificate of Conformance

Product Uses

- Aseptic or non-aseptic environments
- Wipe downs on filling and packing machinery
- On lexan, glass, polycarbonate, stainless steel or any other critical surface that requires cleaning
- Disinfectant application

Material Specifications

WipeDown® Dry Wipe – Laundered Polyester Wipe	
Material Details	Specification
Material:	100% Polyester
Material Description:	Laundered Polyester Wipe

Color:	White
Classification Compatibility:	ISO Class 5 (Former Class 100)
Construction:	Continuous Filament Knitted Construction
Dimension:	12"x12" (30.5 cm x 30.5 cm)
Thickness:	0.56 – 0.64 mm
Sorption Capacity:	>= 270 mL/m ²
Particles:	<4.5x10 ⁶ particles/m ²
Fibers @ 100 um/m ² :	63, 1.0 IEST-RP-CC004.3, SEC 6.1.3/6.2.2
Expiration Period:	5 years

*Treatable surface area not to exceed 1 sq. meter

WipeDown High Sorb Dry Wipe

Quality and Manufacturing

- Wipe material laundered in ISO 4 (Grade A/B, Former Class 10)
- Packaged in ISO 5 (Grade A/B, Former Class 100)
- Gamma irradiated to 10⁻⁶ SAL
- Cut using FocusEdge cutting technology
- Lot sterility tested according to current USP Compendium
- Completely lot traceable
- Completely validated for sterility and shelf life

Features and Benefits

- ISO 5 (Grade A/B, Former Class 100) Cleanliness
- Each sterile bag is bulk packaged in an additional single outer bag pack
- Packaged in an opaque, easy-tear style bag
- Wipes folded for easy removal
- Individually labeled with lot number and expiration
- For use on a multitude of surfaces
- 100% synthetic filament polyester constructed in a continuous knit that minimizes fiber and particulate release
- Material is exceptionally clean and absorbent
- Resistance to abrasion and picking
- FocusEdge allows for minimal shedding via sealed edges
- Designed to keep the surface dry, residue free, and streak free
- Has the sorbancy of a two ply wipe in a single wipe; designed to be very absorbent
- Standard 12"x12" (30.5 cm x 30.5 cm) size
- Delivered with lot specific Certificate of Irradiation, Certificate of Sterility, and Certificate of Conformance

Product Uses

- Aseptic or non-aseptic environments
- Post chemical application clean-up to wipe the surface dry and keep streak free
- To remove excess liquid and residue from the surface; spill control/product spills
- On lexan, glass, polycarbonate, stainless steel or any other critical surface that requires cleaning.

Material Specifications

WipeDown® High Sorb Dry Wipe – Laundered Polyester Wipe	
Material Details	Specification
Material:	100% Polyester
Material Description:	Laundered Polyester Wipe
Color:	White
Classification Compatibility:	ISO Class 5 (Former Class 100)
Construction:	Dual-Knit Construction
Dimension:	12”x12” (30.5 cm x 30.5 cm)
Thickness:	0.56 – 0.64 mm
Sorption Capacity:	>/= 450 mL/m ²
Particles:	<4.5x10 ⁶ particles/m ²
Fibers @ 100 Micrometers and Larger/ m ² of Wiper:	267
Expiration Period:	5 years

*Treatable surface area not to exceed 1 sq. meter

Ordering Information

WipeDown Dry Wipes – Laundered Polyester Dry Wipe		
Part number	Description	Qty/cs
VEL8-12X12-S-3002	WipeDown Dry Wipe, 20 wipes/bag, 5 bags/pack, 6 packs/case, Sterile	600
VEL8-12X12-S-3031	WipeDown High Sorb Dry Wipe, 20 wipes/bag, 5 bags/pack, 6 packs/case, Sterile	600



VEL8-12X12-S-3002



VEL8-12X12-S-3031

Additional Documentation

Upon request, the following additional documentation is available:

- Specific Product Testing Reports
- Product Validation
- Sample lot specific documentation packages including Certificate of Sterility, Certificate of Irradiation, and Certificate of Conformance



VAI®'s Wiper Family

Veltek Associates, Inc. *Disposable Products Manufacturing Division's* capabilities include sterile disposable garments, sterile disposable face masks, dry wipers, sterile wipers, custom cleanroom documentation, sterile synthetic writing substrate, and a HEPA filtered cleanroom printer. DPMD has responded and met demands of professionals in the industry since 1985. Our manufacturing capabilities assure that we will be able to meet all requests and fulfill all of our customer's needs. All DPMD products are processed and packaged in cleanroom facilities from beginning to end and subsequently gamma irradiated or aseptically filled in order assure sterility. For more information call 610-644-8335, email sales@sterile.com or visit our website at www.sterile.com.

Patents: www.sterile.com/patents