



TECHNICAL DATA FILE



STERI-PEROX[®] Wipe

Hydrogen Peroxide and Water for Injection



PRODUCT OVERVIEW

STERI-PEROX® 3% or 6% wipes are saturated and ready-to-use Hydrogen Peroxide wipes. These wipes can be used 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. **STERI-PEROX** wipes are available in a standard 12”x12” size, sterile or non-sterile and packaged in VAI’s unique and patented Asepti-Fill System.

The **STERI-PEROX** wipes are saturated with a ready-to-use 3% or 6% Hydrogen Peroxide solution formulated with WFI. Sterility is assured through aseptic filling into components that have been terminally sterilized through gamma irradiation at 10⁻⁶ SAL. Individual lots are sterility tested according to the USP compendium with lot specific Certificates of Analysis, Certificates of Sterility and Certificates of Conformance available upon delivery.

The material used in our **STERI-PEROX** wipes are 100% polyester fiber that was especially designed to be exceptionally clean and absorbent. Particulate, 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 heat 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. After cutting the wipes are then laundered in ISO Class 4 conditions. Overall, the packaging offers good performance without additives, such as slip and anti-block components, being added to the bag formulation.

Quality and Manufacturing

- Laundered in ISO 4 cleanroom conditions (Grade A/B, Former Class 10)
- Solution filtered at 0.2µm
- 20 wipes per pack, folded for easy removal
- Cut using FocusEdge heat cutting technology
- Completely lot traceable
- Aseptically filled
- Individually labeled with lot number and expiration date
- Lot tested 14 day USP Sterility Test (according to current USP)

Product Uses

- Wipe downs on filling and packing machinery
- Spill control
- On Lexan, glass, polycarbonate, stainless steel



Features and Benefits

- Available in ABCD Cleanroom Introduction System™
- Formulated with WFI
- Validated for sterility and shelf life
- Available in two different percentage solutions of Hydrogen Peroxide at 3% or 6% to fit your specific needs
- 100% synthetic filament constructed in a continuous knit that minimizes fiber and particulate release
- Ready-to-use
- Re-sealable packaging
- 12"x12" in size
- Delivered with lot specific documentation
- ISO 4 (Class 10) Cleanliness



Ordering Information

STERI-PEROX Wipes		
Part number	Description	Amount
VEL10-12X12-3017	STERI-PEROX® 6% Wipe, Non-Sterile, 20 wipes/bag, 10 bags/cs.	200
VEL10-12X12-S-3016	STERI-PEROX® 6% Wipe, Sterile, 20 wipes/bag, 10 bags/cs.	200
VEL10-12X12-3015	STERI-PEROX® 3% Wipe, Non-Sterile, 20 wipes/bag, 10 bags/cs.	200
VEL10-12X12-S-3014	STERI-PEROX® 3% Wipe, Sterile, 20 wipes/bag, 10 bags/cs.	200

* The same wiper is also available in our complete line of pre-saturated wipers, qualify one, qualify all

Material Specifications

STERI-PEROX Wipe – 130 gm material	
Material Specification	
Material	100% Polyester
Construction	Continuous filament knitted construction
Basis Weight	130±10gsm
Thickness	0.56-0.64 mm
Sorbancy	350±10 mL, Capacity (mL/m ²)
Color	White
Classification Compatibility	ISO Class 4 (Former Class 10)
Liquid Particles	Measured to ≥ 0.5 μ
Liquid Particle Shake Test: 4.2x10 ⁻⁶	IEST-RP-CC004.3, SEC, 6.1.4/6.2.1
Fibers @ 100 μm/M ²	
63	1.0 IEST-RP-CC004.3, Sec 6.1.3/6.2.2

*Treatable surface area not to exceed 1 sq. meter

Chemical Specifications

Chemical Specifications	STERI-PEROX 3% Wipes
Assay Test	2.5-3.5%
Acidity Test	<2.5 ml
Barium Test	No Turbidity
Heavy Metals (as Pb) Test	<5 ppm
Nonvolatile Residue Test	<30 mg
Preservative Test	<50 mg
Chemical Specifications	STERI-PEROX 6% Wipes
Assay Test	6.0-6.9%
Acidity Test	<2.5 ml
Barium Test	No Turbidity
Heavy Metals (as Pb) Test	<5 ppm
Nonvolatile Residue Test	<30 mg
Preservative Test	<50 mg

Other Documentation- The following documentation is available upon request: Product Validation Reports, MSDS, and Specific Testing Reports

