



## **Smartet Technology Development Co., Ltd**

Building 1, No.1 North YongXing Road, YongXing Industrial Park, HengLan Town, Zhong Shan City Guang Dong China

Tel: 0086-760-88873088 Fax: 0086-760-88873008 web: [www.smartet.net](http://www.smartet.net) [www.perfwipe.com](http://www.perfwipe.com)

### **Cleanroom Swab Data Sheet**

#### **Nonwoven Cleanroom Swabs SSTX762**

#### **Description**

PERFWIPE Swab Series is made from the cleanest 100% polyester (hydroentangled) nonwoven materials. The complete thermal bond construction eliminates adhesive contamination.

Cleanroom manufactured, made to exacting and consistent tolerances using high-precision automated processes. Packaged in a silicone-free and amide-free bag.

#### **Features & Benefits**

1. Double layer of nonwoven polyester fabric for enhanced absorbency
2. Hydroentangled polyester for use on sensitive surfaces.
3. Excellent chemical resistance for compatibility with a variety of solutions
4. Cleanroom processed-providing ultra low levels of particles, NVR's (non volatile residue) and ions.
5. 100% virgin polypropylene handle ensures no additional contaminants are introduced while offering excellent chemical resistance.
6. Autoclavable in dry heat and steam.

#### **Sampling**

1. Nonwoven polyester head entraps contaminants in hydroentangled structure during sampling. This allows maximum contaminant capture and release into the diluent to provide for excellent recovery rates.
2. This swab is most effective with solvents other than water

#### **Applications**

1. Cleaning sensitive surface such as optical assemblies
2. Solvent use (such as IPA)
3. Cleaning of grooves, tracks, slots and other small spaces.
4. Appropriate for use with temperatures less than 410°F

#### **Industries**

1. Biologics
2. Medical Device
3. Microelectronics
4. Optics
5. Pharmaceuticals
6. Semiconductor



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### Item No. : SSTX762

#### Physical Characteristics

Head Material -- Hydroentangled Polyester

Head Width -- 6.8mm (0.268")

Head Thickness -- 2.6mm (0.102")

Head Length -- 16.8mm (0.661")

Handle Material -- Polypropylene

Handle Width -- 3.2mm (0.126")

Handle Thickness -- 3.2mm (0.126")

Total Swab Length -- 162.3mm (6.390")

Handle Length -- 145.5mm (5.728")

Head Bond -- Thermal

Handle Color -- Light Green

#### Contamination Characteristics

Particles, Readily releasable

Particles 0.5um < 5000 counts/swab

Inos, ug/swab

Calcium -- 0.08

Chloride -- 0.06

Potassium -- 0.02

Sodium -- 0.06

Nonvolatile Residue, mg/swab

DIW Extractant -- 0.01

IPA Extractant -- 0.01

#### Packaging

100 swabs/bag, 50 bags/case

