



## Smartet Technology Development Co., Ltd

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### Clean Foam Swab Data Sheet

#### Description

Perfwipe Clean Foam Swab Series is constructed from the highest quality 100 ppi polyurethane foam. Complete thermal bond construction eliminates adhesive contamination.

Cleanroom processed, providing low levels of non volatile residues (NVRs) and ions, and made to exacting and consistent tolerances using high-precision automated processes. Lot coded for traceability and quality control. Packaged in a silicone-free and amide-free bag.

#### Features & Benefits

1. Good chemical compatibility with a variety of solutions
2. Readily absorbs solvents and solutions and grabs particulates
3. 100% virgin polypropylene handle ensures no additional contaminants are introduced while offering excellent chemical resistance
4. Autoclavable in dry heat and steam

#### Applications

1. Applying and removing lubricants, adhesives and other solutions in a critical clean environment
2. Scrubbing recessed areas
3. Removal of excess materials, debris
4. Cleaning intersection surfaces and joints
5. Cleaning with compatible solutions and solvents
6. Picking up fine powders
7. Appropriate for use with temperatures less than 350 °F

#### Industries

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

**Item No. : SSTX750E**

**Physical Characteristics**

Head Material -- 100 ppi Clean Foam

Head Width -- 3.2mm(0.126")

Head Thickness -- 3.2mm(0.126")

Head Length -- 11.5mm(0.453")

Handle Material -- Polypropylene

Handle Width -- 2.5mm(0.098")

Handle Thickness-- 2.5mm(0.098")

Handle Length --64.5.0mm(2.539")

Total Swab Length -- 76.0mm(2.991")

Head Bond -- Thermal

Handle Color --Light Green

Design Notes -- Flexible head paddle, compact handle

**Contamination Characteristics**

**Inos, ug/swab**

Calcium -- 0.01

Chloride -- 0.03

Potassium -- 0.01

Sodium -- 0.05

**Nonvolatile Residue, mg/swab**

DIW Extractant -- 0.07

IPA Extractant -- 0.03

**Organic Contamination**

No detectable silicone oil, amide or DOP.

**ESD Characteristics**

Handle Resistivity  $10 \times 10^9$  Ohms/Sq

**Packaging**

100swabs/inner bag 5 inner bag/out bag 50out bag/ctn

