Smartet Technology Development Co., Ltd
Su Hua Medical Material Manufacture Co., Ltd
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Cleanroom Swabs Technical Data Sheet

Microfiber Series

SSTX714MD



SSTX758MD



SSTX761MD



Description

PERFWIPE Microfiber Swab Series is made from the cleanest micro denier material. The complete thermal bond construction eliminates adhesive contamination.

This microfiber fabric increases the lifting and capturing power of particles, as small as microbes, and offers streak-free cleaning with scratch-sensitive surfaces.

This microfiber swab is compatible with QAC (quaternary ammonium chloride) cleaners and disinfectants.

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

Features & Benefits

1. Enhanced absorbency and quick wicking performace
2. Offers increased lifting and capturing of particles as small as microbes.
3. Compatible with quaternary ammonium chloride cleaners and disinfectants
4. Streak-free cleaning
5. Cleanroom laundered, providing ultra low levels of particles, NVRS (non volatile residues) and ions
6. 100% virgin polypropylene handle ensures no additional contaminants are introduced while offering excellent chemical resistance

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 intersecting surfaces and joints
5. Cleaning with compatible solutions and solvents
6. Picking up fine powders

Industries

1. Biologics
2. Hard Disk Drive
3. Medical Device
4. Microelectronics
5. Optics
6. Pharmaceuticals
7. Semiconductor

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Physical Characteriestics			
Item	**SSTX714MD**	**SSTX758MD**	**SSTX761MD**
Head Material	100% Polyester Microdenier	100% Polyester Microdenier	100% Polyester Microdenier
Head Width	12.7mm	3.2mm	6.8mm
Head Thickness	3.2mm	2.5mm	2.0mm
Head Length	26.0mm	10.0mm	17.0mm
Handle Material	Polypropylene	Polypropylene	Polypropylene
Handle Width	5.8mm	2.2mm	3.2mm
Handle Thickness	3.0mm	2.2mm	3.2mm
Handle Length	102.0mm	60mm	148.0mm
Total Swab Length	125.0mm	70mm	165.0mm
Head Bond	Thermal	Thermal	Thermal
Handle Color	Light Green	Light Green	Light Green
Design Notes	Plat head paddle, long, easy grip handle	Flexible head paddle, compact handle	Flexible head paddle, long handle
Contamination Characteristics			
Ions, µg/swab	**SSTX714MD**	**SSTX758MD**	**SSTX761MD**
Calcium	0.06	0.02	0.08
Chloride	0.12	0.03	0.1
Potassium	0.1	0.01	0.09
Sodium	0.18	0.03	0.17
Nonvolatile Residue, mg/swab			
DIW Extractant	0.05	0.03	0.06
IPA Extractant	0.03	0.01	0.03
Products			
Item No.	**Description**	**Packaging**	
SSTX714MD	Large Microfiber Swab	100swabs/bag 50bag/ctn	
SSTX758MD	Microfiber Swab Mini	100swabs/inner bag, 5 inner bag/out bag 50 out bag/ctn	
SSTX761MD	Microfiber Swab Small with Long Handle	100swabs/bag 50bag/ctn	