Smartet Technology Development Co., Ltd
Su Hua Medical Material Manufacture Co., Ltd
Add: No.1 First Business Industrial Park Min Kang Rd 2 Shi Qi District Zhong Shan City Guang Dong China
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Cleanroom Swabs Technical Data Sheet

Polyester Series

SSTX714A



SSTX743B



SSTX754B



SSTX758B



SSTX761



Description

Perfwipe Swab is made from the cleanest 100% polyester knit materials. The complete thermal bond construction eliminates adhesive contamination.

Cleanroom manufactured, 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. **Double layer of polyester knit fabric for enhanced absorbency**
2. **Engineered to resist snagging and abrading, preventing the release of particles and fibers**
3. **Excellent chemical resistance for compatibility with a variety of solutions**
4. **100% virgin polypropylene handle ensures no additional contaminants are introduced while offering excellent chemical resistance**
5. **Cleanroom laundered, providing ultra low levels of particles, NVRs (non volatile residues) and ions**
6. **Autoclavable in dry heat and steam**

Applications

1. **Precision spot cleaning of grooves, tracks, slots and other small spaces**
2. **Applying and removing lubricants, adhesives and other solutions in a critical clean environment**
3. **Solvent use (such as IPA)**
4. **Appropriate for use with temperatures less than 410 ^{o}F**

Industries

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

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Physical Characteriestics					
Item	**SSTX714A**	**SSTX743B**	**SSTX754B**	**SSTX758B**	**SSTX761**
Head Material	Knitted Polyester	Knitted Polyester	Knitted Polyester	Knitted Polyester	Knitted Polyester
Head Width	12.7mm(0.500")	3.8MM(0.150")	3.2mm(0.126")	3.2mm(0.126")	6.8mm(0.268")
Head Thickness	3.2mm(0.126")	3.0mm(0.118")	3.0mm(0.118")	2.5mm(0.098")	2.0mm(0.079")
Head Length	26.0mm(1.023")	12.0mm(0.472")	12.0mm(0.472")	10.0mm(0.394")	17.0mm(0.669")
Handle Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Handle Width	5.8mm(0.228")	3.0mm(0.118")	2.5mm(0.098")	2.2mm(0.087")	3.2mm(0.162")
Handle Thickness	3.0mm(0.118")	3.0mm(0.118")	2.5mm(0.098")	2.2mm(0.087")	3.2mm(0.162")
Handle Length	102.0mm(4.015")	58.3mm(2.295")	59.5mm(2.342")	60.0mm(2.362")	148.0mm(5.827")
Total Swab Length	125.0mm(5.92")	70.0mm(2.755")	69.5mm(2.736")	70.0mm(2.756")	165.0mm(6.496")
Head Bond	Thermal	Thermal	Thermal	Thermal	Thermal
Handle Color	Light Green	Light Green	Light Green	Light Green	Light Green
Design Notes	Plat head paddle, long, easy-grip handle	Rigid head core, compact handle	Rigid head core, compact handle	Flexible head paddle, compact handle	Flexible head paddle, long handle
Contamination Characteristics					
Ions, μg/swab	**SSTX714A**	**SSTX743B**	**SSTX754B**	**SSTX758B**	**SSTX761**
Calcium	0.07	0.01	0.03	0.03	0.06
Chloride	0.12	0.05	0.05	0.12	0.11
Potassium	0.06	0.04	0.03	0.01	0.05
Sodium	0.16	0.04	0.05	0.02	0.10
Nonvolatile Residue, mg/swab					
DIW Extractant	0.01	0.01	0.01	0.01	0.01
IPA Extractant	0.03	0.03	0.03	0.03	0.03
Products					
Item No.	**Description**	**Packaging**			
SSTX714A	Large Swab	100swabs/bag 50bag/ctn			
SSTX743B	Small Foam Swab	100swabs/inner bag 5inner bag/out bag 50 out bag/ctn			
SSTX754B	Mini Swab	100swabs/inner bag 5inner bag/out bag 50 out bag/ctn			
SSTX758B	Micro Swab	100swabs/inner bag 5inner bag/out bag 50 out bag/ctn			
SSTX761	Long Handle Swab	100swabs/bag 50bag/ctn			