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Cleanroom Swabs Technical Data Sheet

Clean Foam Series

SSTX740B



SSTX741B



SSTX742B



SSTX751B



SSTX750B



SSTX757B



Description

Perfwipe's Claen 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 ^{o}F

Industries

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

Physical Characteriestics

Item	SSTX740B	SSTX741B	SSTX742B	SSTX751B	SSTX750B	SSTX757B
Head Material	100 ppi Clean Foam	100 ppi Clean Foam	100 ppi Clean Foam	100 ppi Clean Foam	100 ppi Clean Foam	100 ppi Clean Foam
Head Width	6.2mm (0.244")	3.2mm(0.126")	3.2mm(0.126")	3.6mm(0.142")	3.2mm(0.126")	3.2mm(0.126")
Head Thickness	5.0mm(0.197")	2.9mm(0.114")	3.2mm(0.126")	3.0mm(0.118")	3.2mm(0.126")	2.6mm(0.102")
Head Length	19.0mm(0.748")	10.2mm(0.402")	11.0mm(0.433")	13.5mm(0.531")	11.5mm(0.453")	10.5mm(0.4133")
Handle Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Handle Width	3.2mm(0.126")	2.2mm(0.087")	3.0mm(0.118")	2.4mm(0.094")	2.5mm(0.098")	2.2mm(0.087")
Handle Thickness	3.2mm(0.126")	2.2mm(0.087")	3.0mm(0.118")	2.4mm(0.094")	2.5mm(0.098")	2.2mm(0.087")
Handle Length	146.0mm(5.748")	57.8mm(2.276")	60.0mm(2.362)	53.5mm(2.106")	64.5.0mm(2.539")	59.5mm(2.342")
Total Swab Length	165.0mm(6.496")	68.0mm(2.65")	71.0mm(2.795")	67.0mm(2.638")	76.0mm(2.991")	70.0mm(2.756")
Head Bond	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal
Handle Color	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green
Design Notes	Flexible head paddle, long handle	Flexible head tip, compact handle	Rigid head core, compact handle	Precision pointed tip, compact handle	Precision pointed tip, side ridges, compact handle	Flexible head paddle, compact handle

Contamination Characteristics

Ions, µg/swab	SSTX740B	SSTX741B	SSTX742B	SSTX751B	SSTX750B	SSTX757B
Calcium	0.03	0.03	0.01	0.01	0.01	0.01
Chloride	0.04	0.06	0.03	0.07	0.03	0.05
Potassium	0.02	0.02	0.02	0.01	0.01	0.01
Sodium	0.09	0.06	0.02	0.01	0.05	0.06

Nonvolatile Residue, mg/swab

DIW Extractant	0.12	0.03	0.03	0.03	0.07	0.03
IPA Extractant	0.04	0.01	0.01	0.02	0.03	0.01

Products

Item No.	Description	Packaging
SSTX740B	Medium foam swab with long handle	100swabs/bag 50bag/ctn
SSTX741B	Small foam swab with flexible tip	100swabs/inner bag 5 inner bag/out bag 50out bag/ctn
SSTX742B	Samall foam swab	100swabs/inner bag 5 inner bag/out bag 50out bag/ctn
SSTX751B	Small compressed foam swab	100swabs/inner bag 5 inner bag/out bag 50out bag/ctn
SSTX750B	Medium compressed foam swab	100swabs/inner bag 5 inner bag/out bag 50out bag/ctn
SSTX757B	Micro foam swab	100swabs/inner bag 5 inner bag/out bag 50out bag/ctn