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Cleanroom Swabs Technical Data Sheet

Clean Foam Series

SSTX706A



SSTX707A



SSTX708A



SSTX709A



SSTX710A



SSTX712A



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	SSTX706A	SSTX707A	SSTX708A	SSTX709A	SSTX710A	SSTX712A
Head Material	100 ppi polyurethane foam	100 ppi polyurethane foam	100 ppi polyurethane foam	100 ppi polyurethane foam	100 ppi polyurethane foam	100 ppi polyurethane foam
Head Width	10.9mm(0.429")	15.0mm(0.591")	20.0mm(0.787")	5.0mm(0.197")	7.0mm(0.276")	12.7mm(0.500")
Head Thickness	8.5mm(0.335")	8.5mm(0.334")	9.5mm(0.374")	4.0mm(0.157")	5.0mm(0.197")	10.0mm(0.394")
Head Length	27.0mm(1.063")	26.0mm(1.083")	27.0mm(1.063")	14.0mm(0.551")	24.0mm(0.945")	24.5mm(0.965")
Handle Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Handle Width	6.3mm(0.248")	6.6mm(0.259")	6.6mm(0.259")	4.0mm(0.157")	4.0mm(0.157")	5.8mm(0.228")
Handle Thickness	6.3mm(0.248")	2.6mm(0.103")	2.6mm(0.103")	4.0mm(0.157")	4.0mm(0.157")	3.0mm(0.118")
Handle Length	54.0mm(2.126")	106.0mm(4.173")	106.0mm(4.173")	93.0mm(3.661")	89.0mm(3.504")	100.5mm(3.957")
Total Swab Length	81.0mm(3.189")	131.0mm(5.157")	133.0mm(5.236")	107.0.0mm(4.212")	113.0mm(4.45")	125.0mm(4.921")
Head Bond	Thermal	Thermal	Thermal	Thermal/Epoxy	Thermal/Epoxy	Thermal
Handle Color	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green
Design Notes	Flexible head paddle, rounded, compact handle	Rigid head paddle, long, easy-grip handle	Rigid head paddle, long, easy-grip handle	Flexible nylon head paddle, medium handle	Flexible nylon head paddle, medium handle	Rigid head paddle, long, easy-grip handle

Contamination Characteristics

Ions, µg/swab	SSTX706A	SSTX707A	SSTX708A	SSTX709A	SSTX710A	SSTX712A
Calcium	0.16	0.01	0.18	0.02	0.14	0.12
Chloride	0.62	0.34	1.01	0.54	0.43	0.84
Potassium	0.12	0.06	0.04	0.13	0.03	0.08
Sodium	0.12	0.04	0.29	0.15	0.16	0.34

Nonvolatile Residue, mg/swab

DIW Extractant	0.15	0.20	0.24	0.15	0.17	0.27
IPA Extractant	0.48	0.56	0.63	0.24	0.49	0.61

Products

Item No.	Description	Packaging
SSTX706A	Keyboard Swab	50swabs/inner bag 2inner bag/out bag 50 out bag/ctn
SSTX707A	Large Rectangular Head Swab	50swabs/bag 50bag/ctn
SSTX708A	Circular Head Swab	50swabs/bag 50bag/ctn
SSTX709A	Medium Flexible Head Swab	100swabs/bag 50bag/ctn
SSTX710A	Large Flexible Head Swab	100swabs/bag 50bag/ctn
SSTX712A	Rectangular Head Swab	50swabs/bag 50bag/ctn