

TECHNICAL DATA SHEET

TX750E CleanFoam® Mini Compressed



TX753E CleanFoam® Mini



TX757E CleanFoam® Micro



TX758E Alpha® Micro



TX761D Alpha® Long Handle



TX769E Stat-Rite® Long Handle



Description

Texwipe's ESD Swab Series features a Stat-Rite® handle, a patented Inherently Dissipative Polymer, to provide clean ESD protection without contributing particulate contaminants to the process or environment. The complete thermal bond construction eliminates adhesive contamination.

Three designs are available:

- Polyester – Manufactured from laundered Alpha® 100% polyester, making the head extremely clean and durable.
- Foam – Made from Texwipe's CleanFoam®, cleanroom processed 100 ppi polyurethane foam
- Sticks – Made from Stat-Rite®

Manufactured to exacting and consistent tolerances using high-precision automated processes. Lot coded for traceability and quality control. Packaged in an anti-static bag.

Features & Benefits

- Clean ESD protection with Stat-Rite handle
- No blooming carbon particles, metals or ionic antistatic contaminants
- Dissipates charges in under two seconds when used with a solvent or solution

Applications

- Use where ESD may be a concern

Industries

- Circuit Board Assembly
- Display Assembly
- Electronics Assembly
- Hard Disk Drive
- Medical Device
- Microelectronics
- Optics
- Semiconductor
- Test & Assembly

Products

See reverse for Physical and Contamination Characteristics

TECHNICAL DATA SHEET

Physical Characteristics

	TX750E	TX753E	TX757E	TX758E	TX761D	TX769E
Head material	100 ppi CleanFoam®	100 ppi CleanFoam®	100 ppi CleanFoam®	Knitted Alpha® polyester	Knitted Alpha® polyester	n/a
Head width	3.5 mm (0.138")	3.7 mm (0.146")	3.8 mm (0.150")	4.0 mm (0.157")	6.8 mm (0.268")	1.0 mm (0.039")
Head thickness	3.5 mm (0.138")	3.4 mm (0.134")	3.4 mm (0.134")	3.0 mm (0.118")	4.0 mm (0.157")	1.0 mm (0.039")
Head length	10.0 mm (0.394")	10 mm (0.394")	10.0 mm (0.394")	10.0 mm (0.394")	17.0 mm (0.669")	9.6 mm (0.378")
Handle material	Transplex®	Transplex®	Transplex®	Transplex®	Transplex®	Transplex®
Handle width	3.0 mm (0.118")	3.0 mm (0.118")	3.0 mm (0.118")	3.0 mm (0.118")	3.0 mm (0.118")	2.4 mm (0.094")
Handle thickness	3.0 mm (0.118")	3.0 mm (0.118")	3.0 mm (0.118")	3.0 mm (0.118")	3.0 mm (0.118")	2.4 mm (0.094")
Handle length	78.5 mm (3.090")	80.0 mm (3.150")	80.7 mm (3.177")	80.5 mm (3.169")	147.0 mm (5.787")	56.5 mm (2.224")
Total swab length	88.5 mm (3.484")	90.0 mm (3.543")	90.7 mm (3.571")	90.5 mm (3.563")	164.0 mm (6.457")	66.1 mm (2.602")
Head bond	Thermal	Thermal	Thermal	Thermal	Thermal	n/a
Handle color	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent
Design notes	Precision pointed tip; compact handle	Rigid head core; compact handle	Flexible head paddle; compact handle	Flexible head paddle; compact handle	Flexible head paddle; long handle	Semi-rigid precision point

Contamination Characteristics*

Ions, µg/swab	TX750E	TX753E	TX757E	TX758E	TX761D
Calcium	0.01	0.01	0.01	0.01	0.01
Chloride	0.06	0.01	0.04	0.01	0.01
Fluoride	0.01	0.08	0.01	0.01	0.01
Magnesium	0.01	0.01	0.01	0.01	0.01
Nitrate	0.01	0.09	0.05	0.04	0.03
Phosphate	0.36	0.1	0.01	0.17	0.11
Potassium	0.02	0.03	0.02	0.02	0.06
Sodium	1.12	0.39	0.43	0.71	0.31
Sulfate	0.18	0.02	0.05	0.15	0.1

Nonvolatile residue, mg/swab

DIW extractant	0.02	0.01	0.02	0.01	0.04
IPA extractant	0.04	0.04	0.05	0.03	0.03

Products

Number	Description	Packaging
TX750E	Mini Compressed CleanFoam®, ESD-Safe Swab	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case
TX753E	Mini CleanFoam® ESD Swab	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case
TX757E	Micro CleanFoam® ESD Swab	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case
TX758E	Micro Alpha® ESD Swab	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case
TX761D	Alpha® ESD Swab with long handle	100 swabs/bag; 1 inner bag of 100 swabs; 10 bags/case
TX769E	Stat-Rite® Long Handle Stick	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case

* Testing Method: TM2: Laboratory Testing for Swabs. Test method is available upon request. Values are typical, not representing specification limits.

Texwipe Regulatory Certificates

Texwipe is the only wiper company to be registered: ISO 9001 • ISO 13485 • ISO 14001 • OHSAS 18001