

TECHNICAL DATA SHEET

ESD-SAFE SWAB SERIES

Polyester | Foam

TECHNICAL DATA SHEET



TX750E CleanFoam® Mini Compressed



TX752E CleanFoam® Medium Compressed



TX753E CleanFoam® Mini



TX757E CleanFoam® Micro



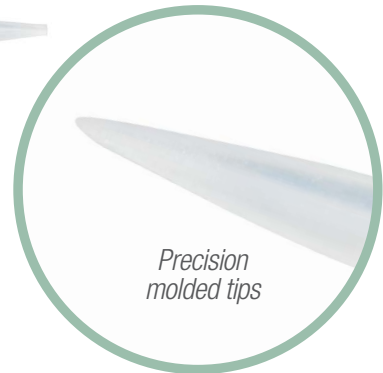
TX758E Alpha® Polyester Micro



TX761D Alpha® Polyester Long Handle



TX769E Dual Micro-Tip Pick



Products

| Number | Description | Packaging | Case |
|-----------------------|---|--|---------|
| <i>ESD-Safe Swabs</i> | | | |
| TX750E | CleanFoam® Mini Compressed Swab | 500 swabs/bag; 5 inner bags of 100 swabs | 5 bags |
| TX752E | CleanFoam® Medium Compressed Swab | 500 swabs/bag, 5 inner bags of 100 swabs | 5 bags |
| TX753E | CleanFoam® Mini Swab | 500 swabs/bag; 5 inner bags of 100 swabs | 5 bags |
| TX757E | CleanFoam® Micro Swab | 500 swabs/bag; 5 inner bags of 100 swabs | 5 bags |
| TX758E | Alpha® Polyester Knit Micro Swab | 500 swabs/bag; 5 inner bags of 100 swabs | 5 bags |
| TX761D | Alpha® Polyester Knit Swab with Long Handle | 100 swabs/bag; 1 inner bag of 100 swabs | 10 bags |
| TX769E | Dual Micro-Tip Pick | 500 swabs/bag; 5 inner bags of 100 swabs | 5 bags |

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Description

Texwipe's ESD-Safe 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. Thermal bond construction eliminates the risk of adhesive contamination.

Three designs are available:

- **Polyester** – Manufactured from laundered Alpha[®] 100% knit polyester, making the head extremely clean
- **Foam** – Made from Texwipe's CleanFoam[®], cleanroom processed 100 ppi polyurethane foam
- **Dual Micro-Tip Pick** – made from Stat Rite[®] polymer only

Applications

- Applying and removing lubricants, adhesives, and other solutions in a critical clean environment with ESD concerns
- Scrubbing recessed areas
- Removal of excess materials or debris
- Cleaning intersecting surfaces and joints
- Cleaning with compatible solutions and solvents
- Picking up fine powders
- Appropriate for use with temperatures less than 194°F/90°C

Industries

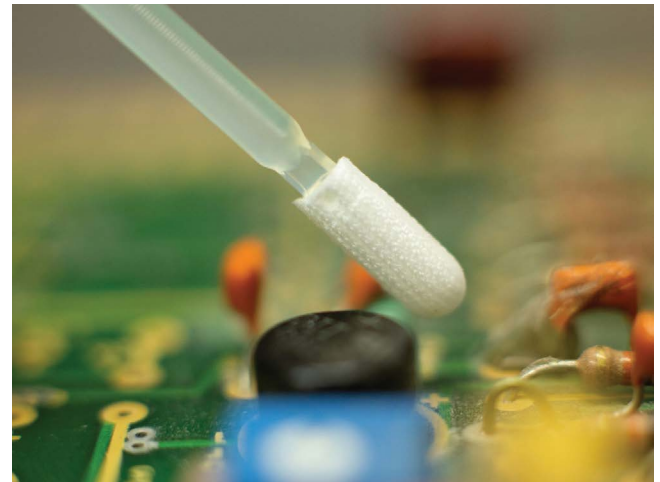
| | | |
|------------------------|-------------------|-------------------|
| Aerospace | Animal Laboratory | Biologics |
| Cleanroom Design/Build | Industrial | Data Storage |
| Facilities Maintenance | Microelectronics | Laboratory |
| Medical Device | Semiconductor | Printing/Graphics |

Features & Benefits

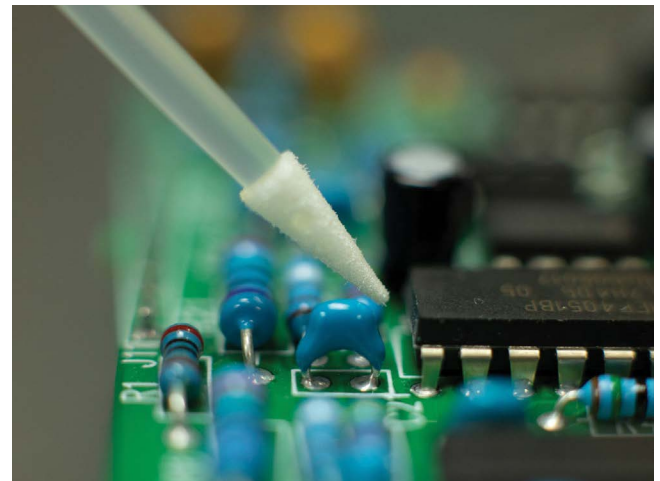
- ESD protection with Stat-Rite[®] handle
- No blooming carbon particles, metals, or ionic anti-static contaminants
- Manufactured to exacting and consistent tolerances using high-precision automated processes
- Packaged in an anti-static bag
- Absorbs solvents, solutions, and grabs particulates
- Lot coded for traceability and quality control

Shelf Life

- 5 years from date of manufacture



TX758E Alpha[®] Polyester Knit Micro Swab



TX750E CleanFoam[®] Mini Compressed Swab

*Stat-Rite[®] is a trademark of Lubrizol Advanced Materials, Inc.

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Physical Characteristics

| | TX750E | TX752E | TX753E | TX757E | TX758E | TX761D | TX769E |
|-------------------|---------------------------------------|--|---------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|----------------------------|
| Head material | 100 ppi CleanFoam® | 100 ppi CleanFoam® | 100 ppi CleanFoam® | 100 ppi CleanFoam® | Alpha® Polyester Knit | Alpha® Polyester Knit | n/a |
| Head width | 3.5 mm (0.138") | 3.0 mm (0.118") | 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") | 3.4 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") | 20.0 mm (0.787") | 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 | Stat-Rite® | Stat-Rite® | Stat-Rite® | Stat-Rite® | Stat-Rite® | Stat-Rite® | Stat-Rite® |
| Handle width | 3.0 mm (0.118") | 2.5 mm (0.098") | 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") | 2.5 mm (0.098") | 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") | 50.0 mm (1.969") | 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") | 70.0 mm (2.756") | 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 | Thermal | n/a |
| Handle color | Translucent | Translucent | Translucent | Translucent | Translucent | Translucent | Translucent |
| Design notes | Precision pointed tip; compact handle | Precision pointed tip, side ridges; 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 | TX752E | TX753E | TX757E | TX758E | TX761D | TX769E |
|---------------|--------|--------|--------|--------|--------|--------|--------|
| Calcium | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.12 |
| Chloride | 0.06 | 0.050 | 0.01 | 0.04 | 0.01 | 0.01 | 0.84 |
| Fluoride | 0.01 | 0.010 | 0.08 | 0.01 | 0.01 | 0.01 | 0.18 |
| Magnesium | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 |
| Nitrate | 0.01 | 0.001 | 0.09 | 0.05 | 0.04 | 0.03 | 0.22 |
| Phosphate | 0.36 | 0.020 | 0.1 | 0.01 | 0.17 | 0.11 | 0.57 |
| Potassium | 0.02 | 0.010 | 0.03 | 0.02 | 0.02 | 0.06 | 0.08 |
| Sodium | 1.12 | 0.300 | 0.39 | 0.43 | 0.71 | 0.31 | 0.34 |
| Sulfate | 0.18 | 0.010 | 0.02 | 0.05 | 0.15 | 0.1 | 0.61 |

Non-Volatile Residue, mg/swab

| | | | | | | | |
|----------------|------|-------|------|------|------|------|------|
| DIW extractant | 0.02 | 0.103 | 0.01 | 0.02 | 0.01 | 0.04 | 0.27 |
| IPA extractant | 0.04 | 0.053 | 0.04 | 0.05 | 0.03 | 0.03 | 0.61 |

Note: The data in this table represent typical analyses.

***Test Methods:** Available upon request. Contact Texwipe Customer Service at www.texwipe.com or info@texwipe.com for a copy.

Stat-Rite® is an Acrylic Polymer providing ESD protection.

Storage Conditions: Store at ambient conditions, defined as temperatures between 59°F (15°C) and 86°F (30°C).

Texwipe holds an ISO 9001:2015 registration.

All Texwipe products conform to GHS classification for labeling (where applicable).

Shipping classification based on weight of inner package.

Made in The Philippines



| | |
|--------------------|-------------------|
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| China | +86 512 6303 3700 |

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