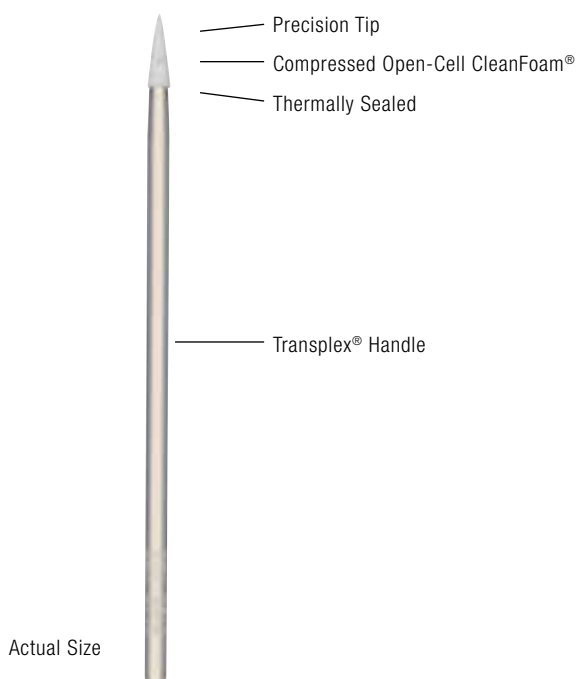


Mini Compressed CleanFoam® ESD Swab

Transplex® Series



Description

The Mini Compressed CleanFoam® ESD Swab is an excellent dissipative swab for cleaning small slotted and grooved areas. Its compressed, laundered CleanFoam® head possesses good firmness and a pointed tip. A compact, rigid handle and tapered internal core provide good support. The handle is made from a Stat-Rite® polymer alloy using a patented Inherently Dissipative Polymer (IDP) to provide clean, permanent ESD protection without contributing particulate contaminants to the cleanroom.

Features

- Laundered polyurethane CleanFoam® head over rigid precision tip
- Compressed, 100 ppi open-cell structure
- Compact, ESD-safe Transplex® handle
- Thermally bonded head
- Firm, nonabrasive tip

Benefits

- Low nonvolatile residue
- Low particle generation
- Good sorbency and excellent solvent hold
- No contaminating adhesives
- ESD control without contaminating carbon or metal loading
- No blooming ionic antistats
- No contaminating coatings
- Humidity-independent ESD control for consistent performance
- Safely dissipates charges in under two seconds when used with a solvent such as IPA

Applications

- Magneto-resistive (MR) head manufacturing and assembly
- Cleaning small areas with solvents such as IPA
- Applying lubricants and other liquids
- Removing excess materials

Products

TX Number	Description	Packaging
TX750E	Mini Compressed	Bag-Within-A-Bag®
TX750D*	CleanFoam® ESD Swab	500 swabs/bag 5 inner bags of 100 swabs 5 bags/case

*Available in Asia/Pacific



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Mini Compressed CleanFoam® ESD Swab

Physical Characteristics

Head material	100 ppi open-cell CleanFoam®
Head width	3.5 mm (0.138")
Head thickness	3.5 mm (0.138")
Head length	10.0 mm (0.394")
Handle material	Transplex®
Handle width	3.0 mm (0.118")
Handle thickness	3.0 mm (0.118")
Handle length	79.0 mm (3.110")
Total swab length	89.0 mm (3.504")
Head bond	Thermal
Handle color	Translucent
Design notes	Precision pointed tip; compact handle

Contamination Characteristics

Property	Measurement	Test Method*
Nonvolatile residue	0.07 mg/swab	TM2: Laboratory Testing For Swabs
IPA extractant		
Ions		
Chloride	0.06 µg/swab	
Sulfate	0.18 µg/swab	
Nitrate	< 0.01 µg/swab	
Phosphate	0.36 µg/swab	
Fluoride	< 0.01 µg/swab	
Potassium	0.03 µg/swab	
Calcium	< 0.01 µg/swab	
Sodium	1.12 µg/swab	
Magnesium	< 0.01 µg/swab	

Electrostatic Discharge Characteristics

Property	Measurement	Test Method
Handle resistivity	10×10^9 ohms/cm	TM16: Determination of the Resistance per Unit Length (ohm/cm) of Swab Handles. (Adapted from EOS/ESD-S11.11-1993.)

*Test procedures available upon request.