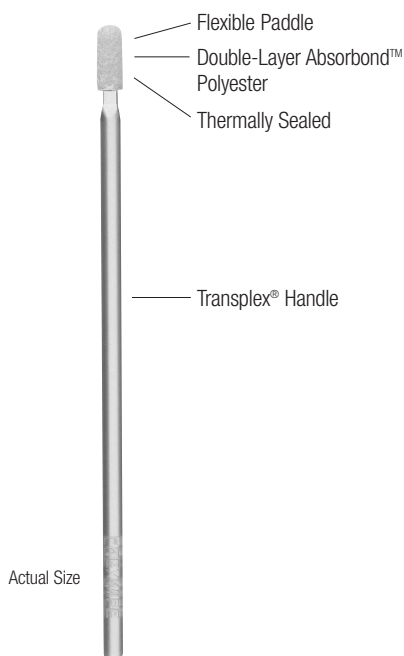


Micro Absorbond® ESD Swab

Transplex® Series



Description

The Micro Absorbond® ESD Swab is an excellent dissipative swab for cleaning very small grooved, slotted and recessed areas. Its hydroentangled continuous-filament polyester head is extremely low in nonvolatile residue. A compact, electrically dissipative handle and flexible internal head paddle provide support and control. The softness of the Absorbond® head also makes it a good choice for sensitive surfaces including coated optics. 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

- Double-layer, hydroentangled Absorbond® polyester tip over thin, flexible paddle
- Compact, ESD-safe Transplex® handle
- Thermally bonded head
- Exceptionally soft and nonabrasive

Benefits

- Ultralow nonvolatile residue
- Low particle generation
- Good sorbency
- 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 with solvents such as IPA
- Applying lubricants and other liquids
- Removing excess materials
- Wiping sensitive surfaces including coated optics

Products

TX Number	Description	Packaging
TX759E TX759D*	Micro Absorbond® ESD Swab	Bag-Within-A-Bag®; 500 swabs/bag; 5 inner bags of 100 swabs; 5 bags/case

*Available in Asia/Pacific

TW Texwipe®

North America
650 East Crescent Avenue
Upper Saddle River, NJ 07458
Tel (800) TEXWIPE ext 120
(201) 327-9100 ext 120
Fax (201) 327-5945
www.texwipe.com
info@texwipe.com

Europe/Middle East
Skejby Nordlandsvej 307
DK-8200 Århus N
Denmark
Tel +45 87 400 220
Fax +45 87 400 222

Asia/Pacific
50 Tagore Lane
#02-01/02/03 Markono
Distri Centre
Singapore 787494
Tel +65 6468 9433
Fax +65 6468 6772

Micro Absorbond® ESD Swab

TX759E/TX759D

Physical Characteristics

Head material	Hydroentangled Absorbond® polyester
Head width	3.8 mm (0.150")
Head thickness	2.3 mm (0.091")
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	80.7 mm (3.177")
Total swab length	90.7 mm (3.571")
Head bond	Thermal
Handle color	Translucent
Design notes	Flexible head paddle; compact handle

Contamination Characteristics

Property	Measurement	Test Method*
Nonvolatile residue		
IPA extractant	0.22 mg/swab	TM10: Procedure for Determining the Nonvolatile Residue (NVR) Extractable from Swabs in a Given Solvent
Ions		TM12: The Determination of Ions in Wipers and Other Materials by Capillary Ion Analysis (CIA)
Chloride	0.05 µg/swab	
Sulfate	0.19 µg/swab	
Nitrate	<0.01 µg/swab	
Phosphate	<0.01 µg/swab	
Fluoride	<0.01 µg/swab	
Potassium	0.02 µg/swab	
Calcium	0.15 µg/swab	
Sodium	0.02 µg/swab	
Magnesium	0.02 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.

CLEAN STATIC CONTROL BY
STAT-RITE
 POLYMER ALLIANCE SYSTEMS