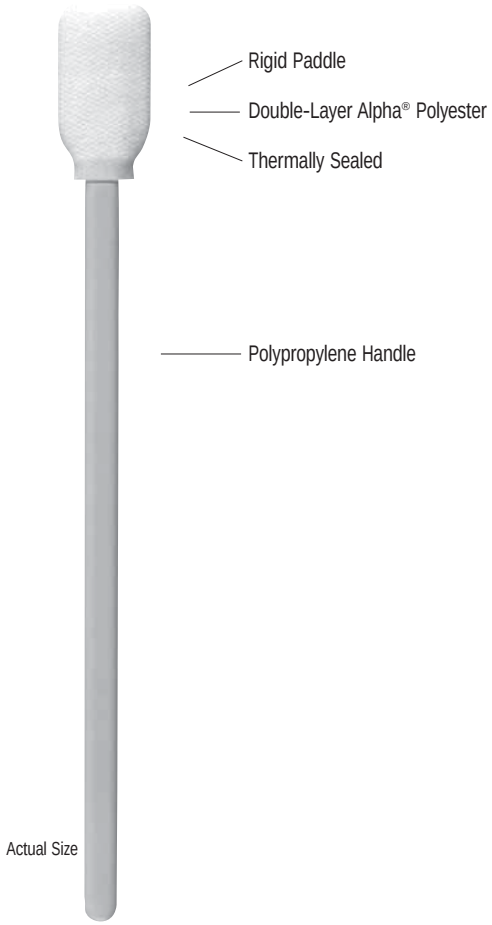
Large Alpha® Swab

Alpha Series



Description

The Large Alpha® Swab is a polyester swab for cleaning broad surfaces and flat areas. Its laundered, knitted Alpha® polyester head is extremely clean. A long, rigid handle and large internal head paddle provide firm support. The Alpha® Swab is widely recommended for surface sampling and cleaning-validation work. Its cleanliness levels provide a neutral background for the sample obtained. This swab is an ideal choice for controlled cleaning and sampling of large areas.

Features

- Cleanroom-laundered, double-layer knitted AlphaLite® polyester tip over full-sized, rigid paddle
- Long, light green polypropylene handle
- Thermally bonded head
- Soft and nonabrasive
- Excellent chemical resistance

Benefits

- Ultralow nonvolatile residue
- Low particle and fiber generation
- Good sorbency
- No contaminating adhesives
- Compatible with many cleaning and sampling solvents
- May be sterilized by autoclave

Applications

- Cleaning with solvents such as IPA
- Sampling surfaces for TOC or cleaning validation
- Applying lubricants and other liquids
- Removing excess materials

Products

TX Number	Description	Packaging
TX714A	Large Alpha® Swab	Bag-Within-A-Bag®; 100 swabs/bag; 2 inner bags of 50 swabs; 10 bags/case

ITW Texwipe®

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Large Alpha® Swab

TX714A

Physical Characteristics

Head material	Knitted Alpha® polyester
Head width	12.7 mm (0.500")
Head thickness	4.2 mm (0.165")
Head length	25.7 mm (1.012")
Handle material	Polypropylene
Handle width	5.2 mm (0.205")
Handle thickness	3.0 mm (0.118")
Handle length	101.8 mm (4.008")
Total swab length	127.5 mm (5.020")
Head bond	Thermal
Handle color	Light green
Design notes	Flat head paddle; long, easy-grip handle

Contamination Characteristics

Property	Measurement	Test Method*
Nonvolatile residue		
IPA extractant	0.12 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	0.24 µg/swab	
Sulfate	0.44 µg/swab	
Nitrate	0.48 µg/swab	
Phosphate	0.50 µg/swab	
Fluoride	0.11 µg/swab	
Potassium	0.13 µg/swab	
Calcium	0.07 µg/swab	
Sodium	0.16 µg/swab	
Magnesium	0.05 µg/swab	

*Test procedures available upon request.