

## Cleanroom Swabs Alpha® Series

TECHNICAL DATA SHEET



## **Description**

Texwipe's Alpha® Swab Series is made from the cleanest 100% polyester knit materials. The complete thermal bond construction eliminates adhesive contamination.

Cleanroom manufactured, made to exacting and consistent tolerances using high-precision automated processes. Lot coded for traceability and quality control. Packaged in a silicone-free and amide-free bag.

\*Also available in ESD. See ESD-Safe Series Swabs

### **Features & Benefits**

- Double layer of polyester knit fabric for enhanced absorbency
- Engineered to resist snagging and abrading, preventing the release of particles and fibers
- Excellent chemical resistance for compatibility with a variety of solutions
- 100% virgin polypropylene handle ensures no additional contaminants are introduced while offering excellent chemical resistance
- Cleanroom laundered, providing ultra low levels of particles, NVRs (non volatile residues) and ions
- Autoclavable in dry heat and steam

## **Applications**

- Precision spot cleaning of grooves, tracks, slots and other small spaces
- Applying and removing lubricants, adhesives and other solutions in a critical clean environment
- Solvent use (such as IPA)
- Appropriate for use with temperatures less than 410°F

#### **Industries**

- Biologics
- Medical Device
- Microelectronics
- Optics
- Pharmaceuticals
- Semiconductor

#### **Products**

See reverse for Physical and Contamination Characteristics

Sterile swabs available upon request.

Distributed by: All-Spec Industries Wilmington, NC

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# Cleanroom Swabs Alpha® Series

TECHNICAL DATA SHEET

		TX714A	TX743B	TX754B	TX758B	TX761	
Head materia	al	Knitted Alpha® polyester	Knitted Alpha® polyester	Knitted Alpha® polyester	Knitted Alpha® polyester	Knitted Alpha® polyeste	
Head width		12.7 mm (0.500")	4.0 mm (0.157")	3.5 mm (0.138")	3.2 mm (0.126")	6.8 mm (0.268")	
Head thickne	SS .	4.2 mm (0.165")	3.6 mm (0.142")	3.0 mm (0.118")	2.5 mm (0.098")	2.8 mm (0.110")	
Head length		25.7 mm (1.012")	12.0 mm (0.472")	9.5 mm (0.374")	11.0 mm (0.433")	16.8 mm (0.661")	
Handle material		Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	
Handle width		5.2 mm (0.205")	3.0 mm (0.118")	2.4 mm (0.095")	2.2 mm (0.087")	3.2 mm (0.126")	
Handle thickness		3.0 mm (0.118")	3.0 mm (0.118")	2.4 mm (0.095")	2.2 mm (0.087")	3.2 mm (0.126")	
Handle length		101.8 mm (4.008")	58.3 mm (2.295")	60.0 mm (2.362")	60.0 mm (2.362")	145.5 mm (5.728")	
Total swab length		127.5 mm (5.020")	70.3 mm (2.768")	68.5 mm (2.736")	70.0 mm (2.756")	162.3 mm (6.390")	
Head bond		Thermal	Thermal	Thermal	Thermal	Thermal	
Handle color		Light green	Light green	Light green	Light green	Light green	
Design notes	;	Flat head paddle; long,	Rigid head core;	Rigid head core;	Flexible head paddle;	Flexible head paddle;	
		easy-grip handle	compact handle	compact handle	compact handle	long handle	
Contami	nation Cha	aracteristics*					
lons, μg/swab		TX714A	TX743B	TX754B	TX758B	TX761	
Calcium		0.07	0.01	0.03	0.03	0.01	
Chloride		0.12	0.05	0.05	0.12	0.01	
Fluoride		0.08	0.02	0.02	0.01	0.01	
Magnesium		0.03	0.02	0.01	0.01	0.01	
Nitrate		0.06	0.02	0.02	0.02	0.01	
Phosphate		0.06	0.11	0.04	0.01	0.01	
Potassium		0.06	0.04	0.03	0.01	0.01	
Sodium		0.16	0.04	0.05	0.02	0.01	
Sulfate		0.11	0.09	0.07	0.06	0.01	
Nonvolatil	e residue, m	g/swab					
DIW extractant		0.01	0.01	0.01	0.01	0.01	
IPA extractant		0.03	0.03	0.03	0.03	0.03	
Products	3						
Number	Description			Packaging	Packaging		
TX714A	Large Alpha® Swab 100 swabs/bag; 2 inner bag of 50 swabs; 10 bags/cas				swabs; 10 bags/case		
TX743B	Small CleanFoam® Swab 500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/ca				swabs; 5 bags/case		
TX754B	Mini Alpha® Swab 500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/o				swabs; 5 bags/case		
TX758B	Micro Alpha® Swab 500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/c				swabs; 5 bags/case		
TX761	Alpha® Swab with Long Handle 100 swabs/bag; 1 inner bag of 100 swabs; 10 bags/cas					ewahe: 10 hans/case	

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

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## **Texwipe Regulatory Certificates**

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