

Polyester Alpha[®]

Swab Series



TECHNICAL DATA SHEET

TX701 Alpha[®]



TX714A Alpha[®] Large



TX743B Alpha[®] Small



TX754B Alpha[®] Mini



TX758B Alpha[®] Micro*



TX761 Alpha[®] Long Handle*



Products

Number	Description	Sterile	Packaging	Case
<i>Polyester Alpha[®] Series</i>				
TX701	Large Paddle Head Alpha [®] Swab		25 swabs inner bags	5 bags
TX714A	Large Alpha [®] Swab		100 swabs/bag; 2 inner bag of 50 swabs	10 bags
TX743B	Small CleanFoam [®] Swab		500 swabs/bag; 5 inner bag of 100 swabs	5 bags
TX754B	Mini Alpha [®] Swab		500 swabs/bag; 5 inner bag of 100 swabs	5 bags
TX758B	Micro Alpha [®] Swab		500 swabs/bag; 5 inner bag of 100 swabs	5 bags
TX761	Alpha [®] Swab with Long Handle		100 swabs/bag; 1 inner bag of 100 swabs	10 bags

T E C H N I C A L D A T A S H E E T

Description

Texwipe's Alpha® Swab Series is constructed from 100% polyester knit materials. Complete thermal bond construction eliminates adhesive contamination.

Cleanroom manufactured, providing low levels of non-volatile residues (NVRs) and ions, and 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.

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

Aerospace	Animal Laboratory	Biologics
Cleanroom Design/Build	Compounding Pharmacies	Data Storage
Facilities Maintenance	Industrial	Laboratory
Medical Device	Microelectronics	Pharmaceutical
Printing/Graphics	Semiconductor	USP <797> / USP <800>

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 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.
- Trademarked light-green colored handles (Reg. No. 5,343,973) with "Texwipe" name embossed on handle.
- Autoclave safe in dry heat and steam.

Shelf Life

- Non-Sterile – 5 years from date of manufacture

Custom products available upon request.

TECHNICAL DATA SHEET

Performance Characteristics

	TX701	TX714A	TX743B	TX754B	TX758B	TX761
Head material	Knitted Alpha® polyester	Knitted Alpha® polyester	Knitted Alpha® polyester	Knitted Alpha® polyester	Knitted Alpha® polyester	Knitted Alpha® polyester
Head width	25.30 mm (0.996")	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 thickness	5.25 mm (0.207")	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	35.5 mm (1.398")	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	Polypropylene
Handle width	10 mm (0.393")	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	3.80 mm (0.149)	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	91.5 mm (3.602")	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	127.0 mm (5.000")	127.5 mm (5.020")	70.3 mm (2.768")	69.5 mm (2.736")	70.0 mm (2.756")	162.3 mm (6.390")
Head bond	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal
Handle color	Light green	Light green	Light green	Light green	Light green	Light green
Design notes	Flat large head paddle, long handle	Flat head paddle; long, easy-grip handle	Rigid head core; compact handle	Rigid head core; compact handle	Flexible head paddle; compact handle	Flexible head paddle; long handle

Contamination Characteristics

Ions, µg/swab	TX701	TX714A	TX743B	TX754B	TX758B	TX761	TX757B
Calcium	0.07	0.07	0.01	0.03	0.03	0.01	0.01
Chloride	0.12	0.12	0.05	0.05	0.12	0.01	0.05
Fluoride	0.08	0.08	0.02	0.02	0.01	0.01	0.01
Magnesium	0.03	0.03	0.02	0.01	0.01	0.01	0.01
Nitrate	0.06	0.06	0.02	0.02	0.02	0.01	0.01
Phosphate	0.06	0.06	0.11	0.04	0.01	0.01	0.01
Potassium	0.06	0.06	0.04	0.03	0.01	0.01	0.01
Sodium	0.16	0.16	0.04	0.05	0.02	0.01	0.06
Sulfate	0.11	0.11	0.09	0.07	0.06	0.01	0.03

Nonvolatile residue, mg/swab

DIW extractant	0.01	0.01	0.01	0.01	0.01	0.01	0.03
IPA extractant	0.03	0.03	0.03	0.03	0.03	0.03	0.01

Texwipe holds ISO 9001 registration.

All Texwipe products conform to GHS classification for labeling (where applicable). Shipping classification based on weight of inner package.

Non-Sterile – Made in the Philippines