Texwipe®
An ITW Company

www.texwipe.com

TECHNICAL DATA SHEET

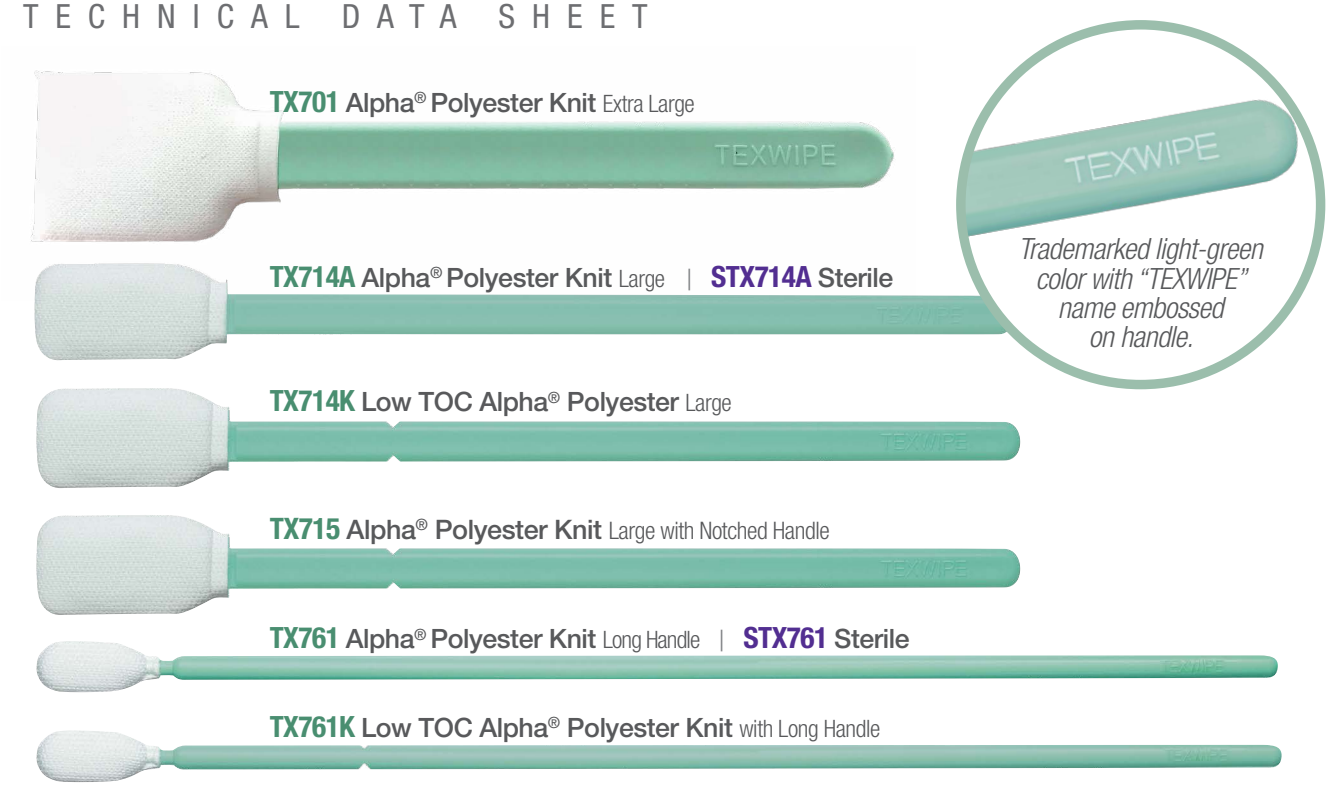
ALPHA® SWAB SERIES

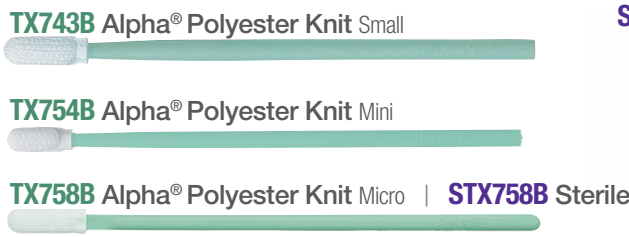
Non-Sterile *Sterile*

Polyester Knit

Cleanroom Swabs
Alpha® Polyester Knit Series

TECHNICAL DATA SHEET







Products

Number	Description	Sterile	Packaging	Case
TX701	Alpha® Polyester Knit Extra Large		100 swabs/bag; 4 inner bags of 25 swabs	5 bags
TX714A	Alpha® Polyester Knit Large		100 swabs/bag; 2 inner bags of 50 swabs	10 bags
TX743B	Alpha® Polyester Knit Small		500 swabs/bag; 5 inner bags of 100 swabs	5 bags
TX754B	Alpha® Polyester Knit Mini		500 swabs/bag; 5 inner bags of 100 swabs	5 bags
TX758B	Alpha® Polyester Knit Micro		500 swabs/bag; 5 inner bags of 100 swabs	5 bags
TX761	Alpha® Polyester Knit with Long Handle		100 swabs/bag; 1 inner bag of 100 swabs	10 bags
STX714A	Sterile Alpha® Polyester Knit Large	●	1 swab/sleeve, 50 sleeves/inner bag, triple bagged	10 bags
STX761	Sterile Alpha® Polyester Knit with Long Handle	●	1 swab/sleeve, 50 sleeves/inner bag, triple bagged	10 bags
STX758B	Sterile Alpha® Polyester Knit Micro	●	1 swab/sleeve, 50 sleeves/inner bag, triple bagged	10 bags
Alpha® Polyester Knit Series for Cleaning Validation				
TX714K	Low TOC Alpha® Polyester Knit Large		20 swabs/bag	50 bags
TX761K	Low TOC Alpha® Polyester Knit with Long Handle		20 swabs/bag	50 bags
TX715	Alpha® Polyester Knit Large with Notched Handle		100 swabs/bag; 2 inner bags of 50 swabs	10 bags

Americas +1 336 996 7046 | **EMEA** +31 88 1304 410 | **Philippines** +63 49 543 0241 | **China** +86 0512 6303 3700
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OVER 55 YEARS OF CLEAN

Cleanroom Swabs
Alpha® Polyester Knit Series

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Description

Texwipe's Alpha® Swab Series is constructed from 100% polyester knit material. 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.

Alpha® Polyester Series for Cleaning Validation

For more information, see **Cleaning Validation Swabs and TOC Kits Technical Data Sheet**

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)

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, and ions
- Trademarked light-green colored handles with "TEXWIPE" name embossed on handle
- Autoclave safe in dry heat and steam

Sterile Swabs

- Each swab is individually packaged in a peel-apart sleeve
- Each sleeve is lot coded and has an expiration date (for inventory control)
- Fifty sleeves are triple-bagged for easy introduction into sterile area
- Triple-bagged bags are packaged in a case liner forming the fourth layer of bag protection
- Gamma-irradiated to a Sterility Assurance Level of 10^{-6} and sterile validated according to AAMI Guidelines
- Tested for endotoxins, ions, and NVR

Shelf Life

- Non-Sterile – 5 years from date of manufacture
- Sterile – 3 years from date of manufacture



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Cleanroom Swabs
Alpha® Polyester Knit Series

TECHNICAL DATA SHEET

Physical Characteristics

	TX701	TX714A STX714A	TX743B	TX754B	TX758B STX758B	TX761 STX761
Head material	Alpha® Polyester Knit	Alpha® Polyester Knit	Alpha® Polyester Knit	Alpha® Polyester Knit	Alpha® Polyester Knit	Alpha® Polyester Knit
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 STX714A	TX743B	TX754B	TX758B STX758B	TX761 STX761
Calcium	0.07	0.07	0.01	0.03	0.03	0.01
Chloride	0.12	0.12	0.05	0.05	0.12	0.01
Fluoride	0.08	0.08	0.02	0.02	0.01	0.01
Magnesium	0.03	0.03	0.02	0.01	0.01	0.01
Nitrate	0.06	0.06	0.02	0.02	0.02	0.01
Phosphate	0.06	0.06	0.11	0.04	0.01	0.01
Potassium	0.06	0.06	0.04	0.03	0.01	0.01
Sodium	0.16	0.16	0.04	0.05	0.02	0.01
Sulfate	0.11	0.11	0.09	0.07	0.06	0.01
Non-Volatile Residue, mg/swab						
DIW extractant	0.01	0.01	0.01	0.01	0.01	0.01
IPA extractant	0.03	0.03	0.03	0.03	0.03	0.03

Note: The data in this table represent typical analyses.

***Test Methods:** Available upon request. Contact Texwipe Customer Service at www.texwipe.com or info@texwipe.com for a copy.

Storage Conditions: Store at ambient conditions, defined as temperatures between 59°F (15°C) and 86°F (30°C).

Texwipe holds an ISO 9001:2015 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
Sterile – Made in The Philippines, irradiated in the U.S.

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