

TECHNICAL DATA SHEET

TX714A Alpha® Large



TX743B Alpha® Small



TX754B Alpha® Mini



TX758B Alpha® Micro*



TX761 Alpha® Long Handle*



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 Available

All swabs available in sterile upon request.

TECHNICAL DATA SHEET

Physical Characteristics

	TX714A	TX743B	TX754B	TX758B	TX761
Head material	Knitted Alpha [®] polyester	Knitted Alpha [®] polyester	Knitted Alpha [®] polyester	Knitted Alpha [®] polyester	Knitted Alpha [®] polyester
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 thickness	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")	69.5 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, 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	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

Nonvolatile residue, mg/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

Number	Description	Packaging
TX714A	Large Alpha [®] Swab	100 swabs/bag; 2 inner bag of 50 swabs; 10 bags/case
TX743B	Small CleanFoam [®] Swab	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case
TX754B	Mini Alpha [®] Swab	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case
TX758B	Micro Alpha [®] Swab	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case
TX761	Alpha [®] Swab with Long Handle	100 swabs/bag; 1 inner bag of 100 swabs; 10 bags/case

Testing Method: TM2: Laboratory Testing for Swabs. Test method is available upon request. Values are typical, not representing specification limits.

Texwipe Regulatory Certificates

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