Texwipe®
An ITW Company

www.texwipe.com

TECHNICAL DATA SHEET

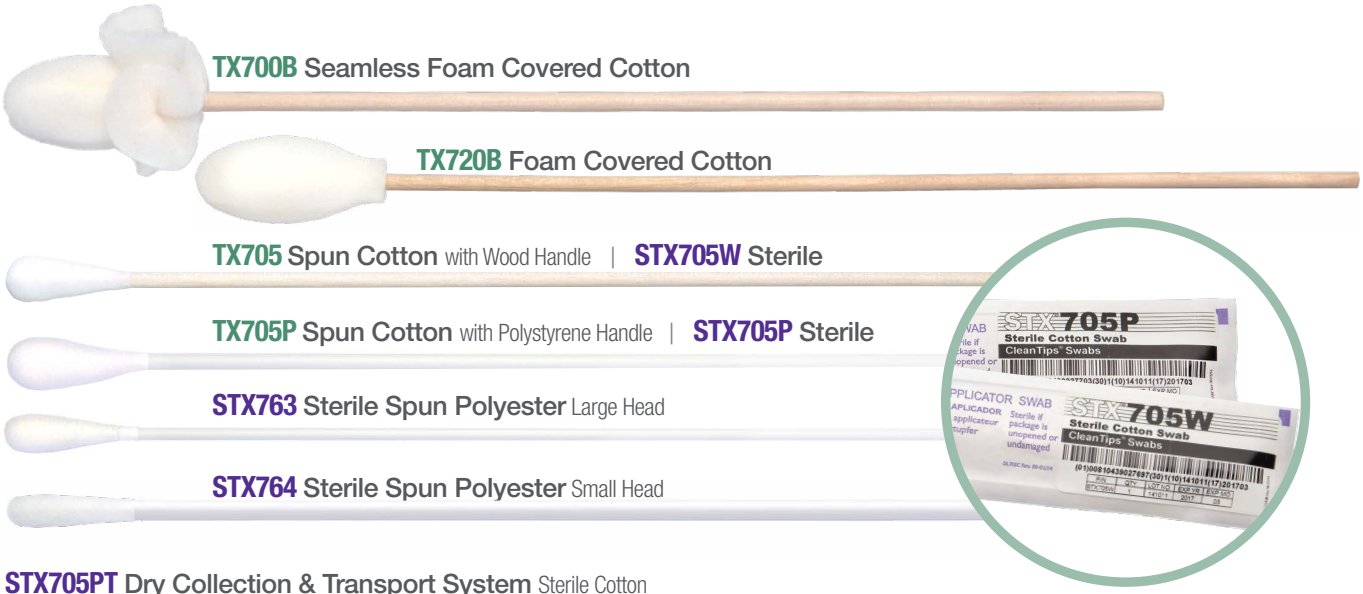
SPUN SWAB SERIES

Non-Sterile

Sterile

Cleanroom Swabs
Spun Swab Series

TECHNICAL DATA SHEET



Sterile swabs are individually packaged in a peel-apart sleeve

STX705PT Dry Collection & Transport System Sterile Cotton



STX764PT Dry Collection & Transport System Sterile Polyester



Products

Number	Description	Sterile	Packaging	Case
Cotton Swabs – Non-Sterile				
TX700B	Seamless Foam Covered Cotton with Wood Handle		500 swabs/bag; 10 inner bags of 50 swabs	5 bags
TX705	Spun Cotton with Wood Handle		1,000 swabs/bag; 10 inner bags of 100 swabs	5 bags
TX705P	Spun Cotton with Polystyrene Handle		500 swabs/bag	20 bags
TX720B	Foam Covered Cotton Swab with Wood Handle		500 swabs/bag;10 inner bags of 50 swabs	5 bags
Cotton Swabs – Sterile				
STX705P	Sterile Spun Cotton with Polystyrene Handle	●	1 swab/sleeve, 50 sleeves/inner bag, triple bagged	10 bags
STX705W	Sterile Spun Cotton with Wood Handle	●	1 swab/sleeve, 50 sleeves/inner bag, triple bagged	10 bags
STX763	Sterile Spun Polyester Swab with Large Head and Polystyrene Handle	●	1 swab/sleeve, 50 sleeves/inner bag, triple bagged	10 bags
STX764	Sterile Spun Polyester Swab with Small Head and Polystyrene Handle	●	1 swab/sleeve, 50 sleeves/inner bag, triple bagged	10 bags
STX705PT	Dry Collection & Transport System, Sterile Cotton Swab and Polystyrene Handle	●	1 swab/tube; 50 tubes triple-bagged	10 bags
STX764T	Dry Collection & Transport System, Sterile Polyester Swab and Polystyrene Handle	●	1 swab/tube; 50 tubes triple-bagged	10 bags

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Description

Texwipe's Spun Cotton Swabs are constructed using 100% USP-grade cotton, securely bonded to the wooden or polystyrene handle by a water-based adhesive.

Texwipe's Spun Polyester Swabs are constructed using 100% USP-grade polyester, securely bonded to the wooden or polystyrene handle by a water-based adhesive.

Texwipe's Foam-Covered Cotton Swabs are constructed using the highest quality 100 ppi polyurethane foam and 100% USP-grade cotton and are thermally sealed (TX720B) or covered with seamless foam (TX700B).

Texwipe's Sterile Dry Collection and Transport System Swabs are constructed using 100% USP-grade spun cotton or 100% USP-grade spun polyester securely bonded to a flexible polystyrene handle by a water-based adhesive. The swab is placed into a 1 mm-thick medical-grade polypropylene tube with a seamless molded round-bottom design.

Applications

- Environmental sampling
- Cleaning with solvents such as IPA or acetone
- Picking up fine powders
- Surface sampling

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

- All spun swabs are made to exacting and consistent tolerances using high-precision automated processes
- Wood-handled swabs have excellent chemical and heat resistance and are autoclave safe
- The polystyrene handle offers durability
- Lot coded for ease of traceability and quality control

Dry Collection and Transport System Swabs

- The system is designed to maintain integrity of both sample collection and sample transport
- Medical-grade LDPE molded cap securely holds the handle for safety and sterility while sampling
- Cap rings ensure a tight seal and protect against contamination during transport
- The tube label has a tamper-evident seal that ensures integrity at point-of-use
- Lot code and expiration date clearly marked on each tube

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 Non-Volatile Residue (NVR)

Shelf Life

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

Cleanroom Swabs
Spun Swab Series

TECHNICAL DATA SHEET

Physical Characteristics

	TX700B	TX705 STX705W	TX705P STX705P	TX720B	STX763	STX764
Head material	Cotton/100 ppi polyurethane foam	Cotton	Cotton	Cotton/100 ppi polyurethane foam	Spun Polyester	Spun Polyester
Head width	13.5 mm (0.531")	7.0 mm (0.276")	7.0 mm (0.276")	11.8 mm (0.465")	5.8 mm (0.228")	4.6 mm (0.181")
Head thickness	13.5 mm (0.531")	7.0 mm (0.276")	7.0 mm (0.276")	10.0 mm (0.394")	5.8 mm (0.228")	4.6 mm (0.181")
Head length	28.0 mm (1.102")	17.0 mm (0.669")	17.0 mm (0.669")	26.3 mm (1.035")	18.0 mm (0.709")	17.0 mm (0.669")
Handle material	Wood	Wood	Polystyrene	Wood	Polystyrene	Polystyrene
Handle width	2.5 mm (0.098")	2.5 mm (0.098")	2.5 mm (0.098")	2.5 mm (0.098")	2.5 mm (0.098")	2.5 mm (0.098")
Handle thickness	2.5 mm (0.098")	2.5 mm (0.098")	2.5 mm (0.098")	2.5 mm (0.098")	2.5 mm (0.098")	2.5 mm (0.098")
Handle length	126.0 mm (4.961")	135.0 mm (5.315")	135.0 mm (5.315")	127.0 mm (5.000")	134.0 mm (5.276")	134.0 mm (5.276")
Total swab length	154.0 mm (6.063")	152.0 mm (5.984")	152.0 mm (5.984")	154.0 mm (6.063")	155.0 mm (6.102")	155.0 mm (6.102")
Head bond	Mechanical	Adhesive	Adhesive	Thermal/mechanical	Water-Based Adhesive	Water-Based Adhesive
Handle color	Brown	Brown	White	Brown	White	White
Design notes	Foam head mechanically attached to cotton bud core; long wooden handle	100% cotton head; long wooden handle	100% cotton head; long polystyrene handle	Foam head molded around cotton core; long wooden handle	100% spun polyester head; long polystyrene handle	100% spun polyester head; long polystyrene handle

Contamination Characteristics*

Ions, µg/swab	TX700B	TX705 STX705W	TX705P STX705P	TX720B	STX705PT
Calcium	3.05	2.85	2.85	3.11	2.85
Chloride	1.32	0.31	0.31	1.29	0.31
Fluoride	0.39	0.22	0.22	0.43	0.22
Magnesium	0.11	0.06	0.06	0.15	0.06
Nitrate	1.13	0.89	0.89	1.17	0.89
Phosphate	1.34	0.67	0.67	1.29	0.67
Potassium	20.15	20.11	20.11	20.27	20.11
Sodium	18.59	18.26	18.26	18.71	18.26
Sulfate	1.46	1.04	1.04	1.53	1.04
Non-Volatile Residue, mg/swab					
DIW extractant	0.491	0.251	0.251	0.512	0.251
IPA extractant	1.411	0.781	0.781	1.451	0.781

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 Philippines, Gamma-irradiated in the USA

Texwipe®
An ITW Company

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