

TECHNICAL DATA SHEET

MICRODENIER SWAB SERIES

Polyester Knit

TECHNICAL DATA SHEET

TX714MD Microdenier Large



TX758MD Microdenier Mini



TX761MD Microdenier with Long Handle



Products

Number	Description	Packaging	Case
<i>Microdenier Polyester Knit Swabs</i>			
TX714MD	Microdenier Large Swab	100 swabs/reclosable bag	8 bags
TX758MD	Microdenier Mini Swab	500 swabs/reclosable bag	5 bags
TX761MD	Microdenier Swab with Long Handle	100 swabs/reclosable bag	8 bags

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Description

Texwipe's Microdenier Swabs are constructed from 100% polyester knit material that increases its lifting and capturing power of particles and offers streak-free cleaning for scratch-sensitive surfaces. Complete thermal bond construction eliminates the risk of adhesive contamination.

These swabs are compatible with QAC (quaternary ammonium chloride) cleaners and disinfectants.

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

Applications

- Applying and removing lubricants, adhesives and other solutions in a critical clean environment
- Scrubbing recessed areas
- Removal of excess materials or debris
- Cleaning intersecting surfaces and joints
- Cleaning with compatible solutions and solvents
- Picking up fine powders

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

- Enhanced absorbency and quick wicking performance
- Increased lifting and capturing of particles
- Compatible with quaternary ammonium chloride cleaners and disinfectants
- Streak-free cleaning
- Cleanroom laundered, providing ultra-low levels of particles, Non-Volatile Residue (NVRs) and ions
- 100% virgin polypropylene handle ensures no additional contaminants are introduced while offering excellent chemical resistance
- Trademarked light-green colored handles with "TEXWIPE" name embossed on handle
- Autoclave safe

Shelf Life

- 5 years from date of manufacture



TX761MD Microdenier Swab with Long Handle



TX714MD Microdenier Large Swab

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Physical Characteristics

	TX714MD	TX758MD	TX761MD
Head material	100% Polyester Knit	100% Polyester Knit	100% Polyester Knit
Head width	12.7mm (0.500")	3.2mm (0.126")	6.8mm (0.268")
Head thickness	4.2mm (0.165")	2.5mm (0.098")	2.8mm (0.110")
Head length	25.7mm (1.012")	11.0mm (0.433")	16.8mm (0.661")
Handle material	Polypropylene	Polypropylene	Polypropylene
Handle width	5.2mm (0.205")	2.2mm (0.087")	3.2mm (0.126")
Handle thickness	3.0mm (0.118")	2.2mm (0.087")	3.2mm (0.126")
Handle length	101.8mm (4.008")	60mm (2.362")	146.2mm (5.755")
Total swab length	127.5mm (5.020")	70mm (2.756")	162.5mm (6.398")
Head bond	Thermal	Thermal	Thermal
Handle color	Light green	Light green	Light green
Design notes	Flat head paddle; easy grip handle	Flexible head paddle; compact handle	Flexible head paddle; long handle

Contamination Characteristics*

Ions, µg/swab	TX714MD	TX758MD	TX761MD
Calcium	0.06	0.02	0.08
Chloride	0.12	0.03	0.10
Fluoride	0.08	0.02	0.07
Magnesium	0.03	0.01	0.03
Nitrate	0.14	0.05	0.11
Phosphate	0.10	0.06	0.12
Potassium	0.06	0.01	0.09
Sodium	0.18	0.03	0.17
Sulfate	0.11	0.06	0.12

Non-Volatile Residue, mg/swab

DIW extractant	0.05	0.03	0.06
IPA extractant	0.03	0.01	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.

Made in The Philippines



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texwipe.com