

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

TX714MD Microdenier Head Large



TX758MD Microdenier Head Mini



TX761MD Microdenier Head Small with Long Handle



Description

Texwipe's Microdenier Swab Series is made from the cleanest microdenier material. The complete thermal bond construction eliminates adhesive contamination.

This 100% polyester fabric increases the lifting and capturing power of particles, as small as microbes, and offers streak-free cleaning with scratch-sensitive surfaces.

This nylon-free swab is 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.

Features & Benefits

- Enhanced absorbency and quick wicking performance
- Offers increased lifting and capturing of particles as small as microbes
- Compatible with quaternary ammonium chloride cleaners and disinfectants
- Streak-free cleaning
- Cleanroom laundered, providing ultra low levels of particles, NVRs (non volatile residues) and ions
- 100% virgin polypropylene handle ensures no additional contaminants are introduced while offering excellent chemical resistance
- Autoclavable for use in sterile environments and processes.

Applications

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

Industries

- Biologics
- Hard Disk Drive
- Medical Device
- Microelectronics
- Optics
- Pharmaceuticals
- Semiconductor

Products

See reverse for Physical and Contamination Characteristics

Sterile swabs available upon request.

TECHNICAL DATA SHEET

Physical Characteristics

	TX714MD	TX758MD	TX761MD
Head material	100% Polyester Microdenier	Hydroentangled Absorbond [®] polyester	100% Polyester Microdenier
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; long, 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

Nonvolatile residue, mg/swab

DIW extractant	0.05	0.03	0.06
IPA extractant	0.03	0.01	0.03

Products

Number	Description	Packaging
TX714MD	Large Microdenier Alpha [®] Swab	100 swabs/reclosable bag; 8 bags/case
TX758MD	Microdenier Swab	500 swabs/reclosable bag; 5 bags/case
TX761MD	Microdenier Swab	100 swabs/reclosable bag; 8 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