

TECHNICAL DATA SHEET

TX716 Absorbond® Micro



TX759B Absorbond® Micro



TX762 Absorbond® Long Handle



Description

Texwipe's Absorbond® Swabs Series is made from 100% polyester (hydroentangled) nonwoven material. 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.

Features & Benefits

- Double layer of nonwoven polyester fabric for enhanced absorbency
- Hydroentangled polyester for use on sensitive surfaces
- Excellent chemical resistance for compatibility with a variety of solutions
- Cleanroom processed – 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 in dry heat and steam

Sampling

1. Nonwoven polyester head entraps contaminants in hydroentangled structure during sampling. This allows maximum contaminant capture and release into the diluent to provide for excellent recovery rates.
2. This swab is most effective with solvents other than water.

Applications

- Cleaning sensitive surfaces such as optical assemblies
- Solvent use (such as IPA)
- Cleaning of grooves, tracks, slots and other small spaces
- 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.

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Physical Characteristics

	TX716	TX759B	TX762
Head material	Hydroentangled Absorbond® polyester	Hydroentangled Absorbond® polyester	Hydroentangled Absorbond® polyester
Head width	12.7mm (0.500")	3.2 mm (0.126")	6.8 mm (0.268")
Head thickness	4.2mm (0.165")	1.5 mm (0.059")	2.6 mm (0.102")
Head length	25.7mm (1.012")	10.0 mm (0.394")	16.8 mm (0.661")
Handle material	Polypropylene	Polypropylene	Polypropylene
Handle width	5.2mm (0.205")	2.2 mm (0.087")	3.2 mm (0.126")
Handle thickness	3.0mm (0.118")	2.2 mm (0.087")	3.2 mm (0.126")
Handle length	101.8mm (4.008")	60.0 mm (2.362")	145.5 mm (5.728")
Total swab length	127.5mm (5.020")	70.0 mm (2.756")	162.3 mm (6.390")
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	TX716	TX759B	TX762
Calcium	0.01	0.01	0.08
Chloride	0.16	0.16	0.06
Fluoride	0.01	0.01	0.01
Magnesium	0.01	0.01	0.05
Nitrate	0.01	0.01	0.01
Phosphate	0.01	0.01	0.16
Potassium	0.04	0.04	0.02
Sodium	0.06	0.06	0.06
Sulfate	0.41	0.41	0.15

Nonvolatile residue, mg/swab

DIW extractant	0.01	0.07	0.01
IPA extractant	0.03	0.01	0.01

Products

Number	Description	Packaging
TX716	Absorbond® Swab	20 swabs/bag; 1 inner bag of 20 swabs; 50 bags/case
TX759B	Micro Absorbond® Swab	500 swabs/bag; 5 inner bag of 100 swabs; 5 bags/case
TX762	Absorbond® 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