

Cleanroom Swabs Absorbond® Series

TECHNICAL DATA SHEET



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

- 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





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		TX716	TX759B	TX762
Head materi	al	Hydroentangled Absorbond® polyester	Hydroentangled Absorbond® polyester	Hydroentangled Absorbond® polyeste
Head width		12.7mm (0.500")	3.2 mm (0.126")	6.8 mm (0.268")
Head thickno	ess	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 mate	erial	Polypropylene	Polypropylene	Polypropylene
Handle widtl	1	5.2mm (0.205")	2.2 mm (0.087")	3.2 mm (0.126")
Handle thick	iness	3.0mm (0.118")	2.2 mm (0.087")	3.2 mm (0.126")
Handle lengt	th	101.8mm (4.008")	60.0 mm (2.362")	145.5 mm (5.728")
Total swab le	ength	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 note	S	Flat head paddle; easy grip handle	Flexible head paddle; compact handle	Flexible head paddle; long handle
Contam	ination Charact	eristics*		
ons, µg/s	wab	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
Nonvolati	le residue, mg/swa	ıb		
DIW extractant		0.01	0.07	0.01
IPA extractant		0.03	0.01	0.01
Product	 S			
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/o			
TX762	Absorbond® Swab with long handle 100 swabs/bag; 1 inner bag of 100 swabs; 10			

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