



CONSTIX[®] Swab, SP-2

Sealed knitted polyester swab

Description

The SP-2 is a sealed polyester swab consisting of 100% knit polyester fabric thermally bonded to a Delrin[®] (acetal) handle.

The SP-2 contains no adhesives and is made using cleanroom wiper grade polyester fabric for the head material. The acetal handle provides good rigidity and strength, while allowing access to very small areas and components.

The sealed polyester head provides the lowest contamination risk of any other type of swab.

Features and Benefits

- Extremely low levels of particles
- Virtually fiber-free
- Low extractable residue
- Strong and durable
- Excellent solvent and chemical resistance

Applicability

The information presented here is applicable to the part numbers shown below, as well as to any product containing the same materials and produced under the same conditions, regardless of product size or packaging configuration. Please contact a Contec sales representative for more details.

SP-2

Technical Data

Swab head material	100% knitted polyester
Swab handle material	100% virgin acetal (Delrin)
Construction	Thermally sealed and attached

Attribute; (units)	Value **	Test Method
Head dimensions		
Width; (in./mm)	0.16/4.0	
Length; (in./mm)	0.4/10.0	
Handle dimensions		
Width; (in./mm)	0.10/2.5	
Thickness; (in./mm)	0.10/2.5	
Overall length; (in./mm)	3.0/76.2	
Non-volatile residue, NVR		
In deionized water; (mg/swab)	0.012	
In isopropanol; (mg/swab)	0.028	
Particles ≥ 0.5µm; (per swab)	1500	
Fibers > 100µm; (per swab)	0.1	
Surface resistivity of handle; (x 10 ⁸ ohms/sq)	N/A	

** ND = None detected; levels are below detection limit of test equipment

Notes:

- 1) Data shown are typical values and should not be used as product specifications.
- 2) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 3) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

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