



# Datasheet DELTAPURE® Swab DZ-070VPHCTS

70 mm Non-Woven Polyester Cleanroom Swab



## Product Informations

### Applications

DELTAPURE® polyurethane foam and polyester swabs are designed for precision surface cleaning and application of liquid lubricants in cleanroom environments. These swabs are manufactured in ISO Class 5 cleanroom using patent processes that produce high quality swabs capable of meeting the strictest requirements of industries such as semiconductor, flat panel display, microelectronics, biotechnology and health care.

### Benefits

- Absorbent and chemical resistant
- Low levels of particles and extractables
- Compatible with IPA and many cleaning solvents
- Excellent for applying lubricants and other liquids
- Suitable for cleaning sensitive surfaces

## Product Specifications

Material	
Swab head	Non-woven polyester
Swab handle	Polypropylene
Dimensions	
Total swab length	70 mm
Swab head	11 mm (L) x 3.5 mm (W) x 3.5 mm (Thickness)
Swab handle	59 mm (L) x 2.2 mm (Diameter)
Head shape	Flat

## Order Information

Number	Product	Inner bag	Bag	Case
DZ070VPHCTS	DELTAPURE® Swab DZ-070VPHCTS	100 swabs	5 inner bags (500 swabs)	50 bags (25'000 swabs)



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## Technical Data

### Contamination Characteristics

Property	Value	Test method
Particle counts - LPC $\geq 0.5 \mu\text{m}$	1'520 counts/tip	IEST-RP-CC004.3\6.1.4
Non volatile residue (NVR) - IPA extractant	0.04 mg/tip	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Chloride (Cl <sup>-</sup> )	< 0.03 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.2.2
Extractable counts (Ions) - Sulfate (SO <sub>4</sub> <sup>2-</sup> )	< 0.01 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Nitrate (NO <sub>3</sub> <sup>-</sup> )	< 0.01 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Phosphate (PO <sub>4</sub> <sup>3-</sup> )	< 0.01 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Fluoride (F <sup>-</sup> )	< 0.01 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Potassium (K <sup>+</sup> )	< 0.01 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Calcium (Ca <sup>++</sup> )	< 0.02 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Sodium (NA <sup>+</sup> )	< 0.05 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Magnesium (Mg <sup>++</sup> )	< 0.01 $\mu\text{g}/\text{tip}$	IEST-RP-CC004.3\7.1.2
FTIR	No silicone, amide and DOP detected	

### Date

12/2019