



Datasheet DELTAPURE® Swab DZ-070VPRTS

70 mm 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	Knitted polyester
Swab handle	Polypropylene
Dimensions	
Total swab length	70 mm
Swab head	12 mm (L) x 4 mm (W) x 3.6 mm (Thickness)
Swab handle	58 mm (L) x 2.8 mm (Diameter)
Head shape	Round

Order Information

Number	Product	Inner bag	Bag	Case
DZ070VPRTS	DELTAPURE® Swab DZ-070VPRTS	100 swabs	5 inner bags (500 swabs)	40 bags (20'000 swabs)



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Technical Data

Contamination Characteristics

Property	Value	Test method
Particle counts - LPC $\geq 0.5 \mu\text{m}$	1'210 counts/tip	IEST-RP-CC004.3\6.1.4
Non volatile residue (NVR) - IPA extractant	0.05 mg/tip	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Chloride (Cl^-)	$< 0.02 \mu\text{g/tip}$	IEST-RP-CC004.3\7.2.2
Extractable counts (Ions) - Sulfate (SO_4^{2-})	$< 0.03 \mu\text{g/tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Nitrate (NO_3^-)	$< 0.01 \mu\text{g/tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Phosphate (PO_4^{3-})	$< 0.01 \mu\text{g/tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Fluoride (F^-)	$< 0.01 \mu\text{g/tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Potassium (K^+)	$< 0.01 \mu\text{g/tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Calcium (Ca^{++})	$< 0.02 \mu\text{g/tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Sodium (Na^+)	$< 0.04 \mu\text{g/tip}$	IEST-RP-CC004.3\7.1.2
Extractable counts (Ions) - Magnesium (Mg^{++})	$< 0.01 \mu\text{g/tip}$	IEST-RP-CC004.3\7.1.2
FTIR	No silicone, amide and DOP detected	

Date

12/2019