

TekniSwab

Cleanroom Polyester Swabs

Teknipure's Polyester Cleanroom Swabs are made in cleanroom conditions from a double-layer, ultra-clean 100% polyester knit material with a thermal bond construction.

Applications:

- Precision cleaning of small areas in critical cleanroom environments
- Applying and removing lubricants, adhesives, and other solutions
- Removal of excess materials or debris
- Cleaning intersecting surfaces and joints

Features and Benefits:

- No adhesives, silicone, or amides to minimize the risk of additional contamination
- Double layer of polyester knit fabric for enhanced absorbency and softness
- Ultra-low low levels of particles, Non-Volatile Residue (NVR) and ions
- Excellent chemical compatibility with various solutions
- Durable and abrasion resistant - designed to resist snagging and abrasion, preventing the release of particles and fibers during use
- The 100% polypropylene handle prevents the introduction of additional contaminants and provides excellent chemical resistance
- Packaged in silicone-free bags
- Lot and bar-coded for traceability



Industries:

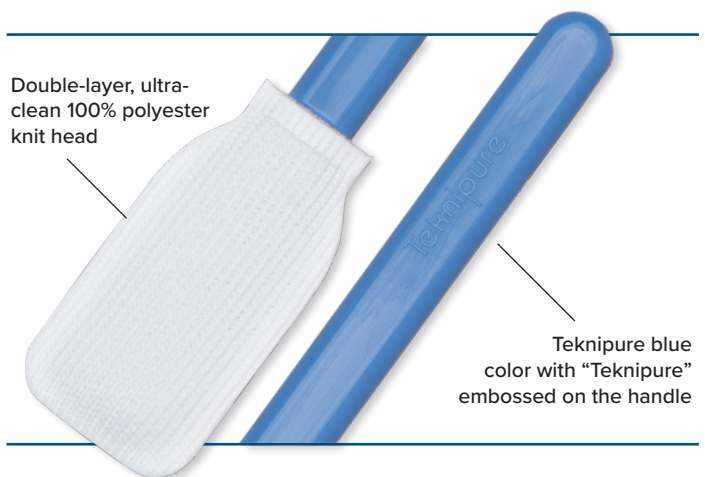
- Semiconductor / Microelectronics
- Aerospace / Defense
- Medical Device / Optics
- Pharmaceutical / Biologics
- Laboratories / Academia
- Printing / Graphics

Storage Conditions:

- Store at ambient conditions (59°F (15°C) - 86°F (30°C))

Expiration date:

- 5 years from the date of manufacture



TECHNICAL DATA SHEET

Polyester Swabs			
Part Number	Description	Packaging	Profile View
TKS550P	Small Swab, 2.709"(6.88 cm) total length	100 pcs/inner bag, 5 inner bags/outer bag, 5 outer bags/case, Total 2500 swabs/case	
Dimensions (mm)			
TKS551P	Small Swab, 2.791"(7.09 cm) total length	100 pcs/inner bag, 5 inner bags/outer bag, 5 outer bags/case, Total 2500 swabs/case	
Dimensions (mm)			
TKS552P	Medium Swab, 3.673"(9.33 cm) total length	100 pcs/inner bag, 5 inner bags/outer bag, 5 outer bags/case, Total 2500 swabs/case	
Dimensions (mm)			
TKS553P	Rectangular Head Swab, 4.992"(12.68 cm) total length	50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case	
Dimensions (mm)			
TKS554P	Medium Head Swab with a long handle, 6.402" (16.26 cm) total length	100 pcs/inner bag, 1 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case	
Dimensions (mm)			

Performance Characteristics

Nonvolatile Residue	
Extractant	Typical Value (µg/swab)
IPA	0.03
DI Water	0.01

Physical Characteristics	
Handle Material	100% Polypropylene
Head Material	100% Polyester knit

Extractable Ions	
Ion	Typical Value (µg/swab)
Sodium	0.10
Potassium	0.03
Calcium	0.07
Chloride	0.12
Magnesium	0.03
Nitrate	0.05
Phosphate	0.06
Sulphate	0.11