

TekniSwab

Cleanroom Microfiber Nonwoven Swabs

Teknipure's Microfiber Nonwoven Cleanroom Swabs are made in cleanroom conditions from an ultra-clean, double-layer non-woven microfiber material with a thermal bond construction. These swabs offer softness, durability, good absorbency, and enhanced particle-capturing capabilities and are ideal for sensitive surfaces.

Applications:

- Precision cleaning of small areas in critical cleanroom environments
- Streak-free cleaning of sensitive surfaces such as lenses, sensors and other optics
- Removal of fingerprints, oily substances, excess materials or debris
- Absorbing liquids in confined spaces
- Applying and removing lubricants, adhesives, and other solutions

Features and Benefits:

- No adhesives, silicone, or amides to minimize the risk of additional contamination
- Enhanced cleaning capabilities, capturing the smallest particles and fibers and retaining them inside the material
- Soft, durable and absorbent
- Ultra-low low levels of particles, Non-Volatile Residue (NVR) and ions
- 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:

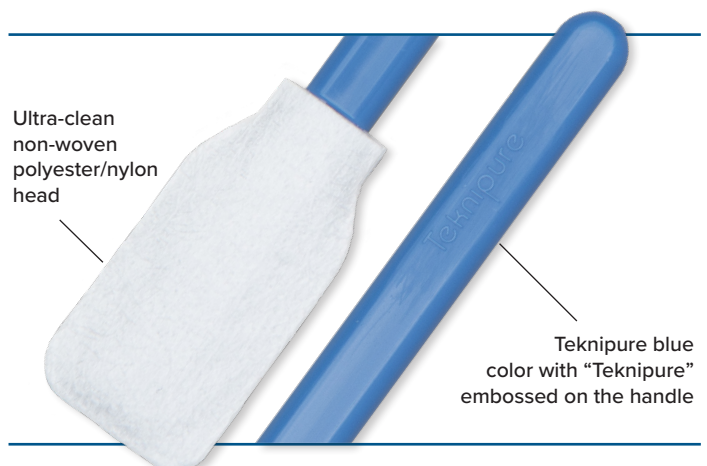
- Semiconductor / Microelectronics
- Aerospace / Defense
- Medical Device / Optics
- Pharmaceutical / Biologics
- Laboratories / Academia
- Printing / Graphics

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

Microfiber Nonwoven Swabs			
Part Number	Description	Packaging	Profile View
TKS600MN	Small Swab, 2.756"(7.00 cm) total length	100 pcs/inner bag, 5 inner bags/outer bag, 5 outer bags/case, Total 2500 swabs/case	
Dimensions (mm)			
TKS601MN	Rectangular Head Swab, 5.004"(12.71 cm) total length	50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case	
Dimensions (mm)			
TKS602MN	Medium Head Swab with long handle, 6.409" (16.28 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	Nonwoven Polyester/Nylon Microfiber

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