

TekniSwab Cleanroom Microfiber Woven Swabs

Teknipure's Microfiber Woven Cleanroom Swabs

are made in cleanroom conditions from an ultra-clean, double-layer woven microfiber material with a thermal bond construction. These swabs offer softness, durability, 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
- Applying and removing lubricants, adhesives, and other solutions

Features and Benefits:

- No adhesives, silicone, or amides to minimize the risk of additional contamination
- Durable and abrasion resistant designed to resist snagging and abrasion, preventing the release of particles and fibers during use
- 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



Microfiber material structure Enhanced cleaning capabilities, capturing the smallest particles and fibers and retaining them inside the material

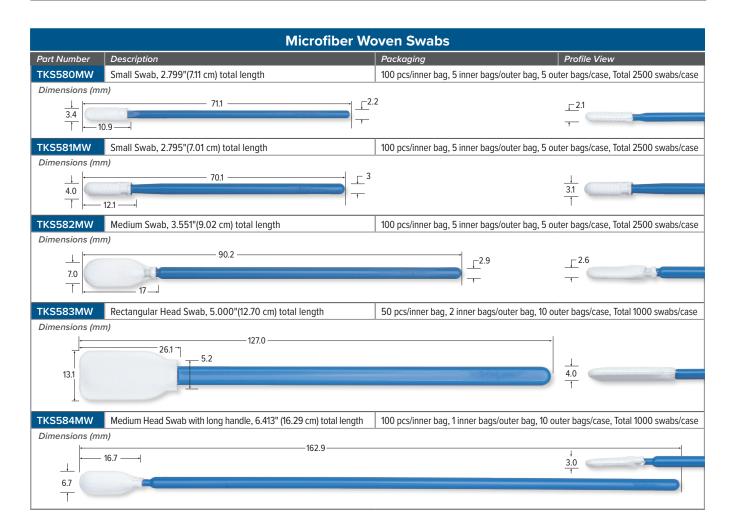


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TECHNICAL DATA SHEET



Performance Characteristics

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

Physical Characteristics		
Handle Material	100% Polypropylene	
Head Material	Woven Polyester/Nylon Microfiber	

Extractable lons	
lon	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