

# **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:

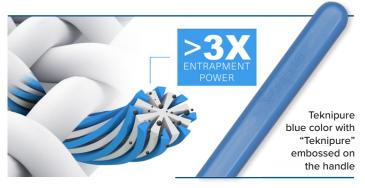
- Semiconductor / Microelectronics
- Aerospace / Defense
- Medical Device / Optics
- Pharmaceutical / Biologics
- · Laboratories / Academia
- Printing / Graphics

## **Storage Conditions:**

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

#### **Expiration date:**

• 5 years from the date of manufacture

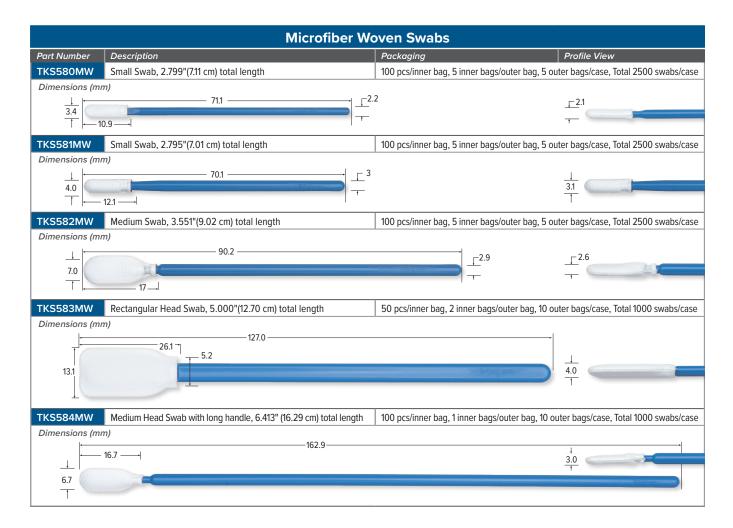


Microfiber material structure

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



### 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	