

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:

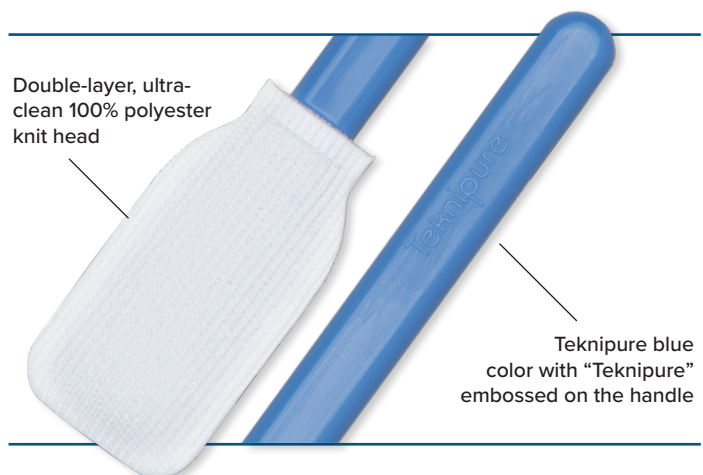
- Semiconductor / Microelectronics
- Aerospace / Defense
- Medical Device / Optics
- Pharmaceutical / Biologics
- Laboratories / Academia
- Printing / Graphics

Storage Conditions:

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

Expiration date:

- 5 years from the date of manufacture



| 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 |