

# TekniSwab

## Cleanroom Foam Swabs

**Teknipure's Foam Cleanroom Swabs** are made in cleanroom conditions from high-grade, ultra-clean 100 ppi polyurethane foam with a thermal bond construction.

Teknipure's foam swabs are laundered using a proprietary cleaning system for additional contamination control and to minimize non-volatile residues (NVRs), ions, and other potential contaminants.

### Applications:

- Precise cleaning of small areas in critical environments
- Applying and removing lubricants, adhesives, and solvents
- Absorbing liquids, scrubbing
- Removal of excess materials or debris
- Cleaning intersecting surfaces and joints
- Capturing fine powders

### Features and Benefits:

- No adhesives, silicone, or amides to reduce the risk of additional contamination
- Low levels of Non-Volatile Residue (NVR) and ions
- Easily absorbs solvents and solutions, and captures particulates
- 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:

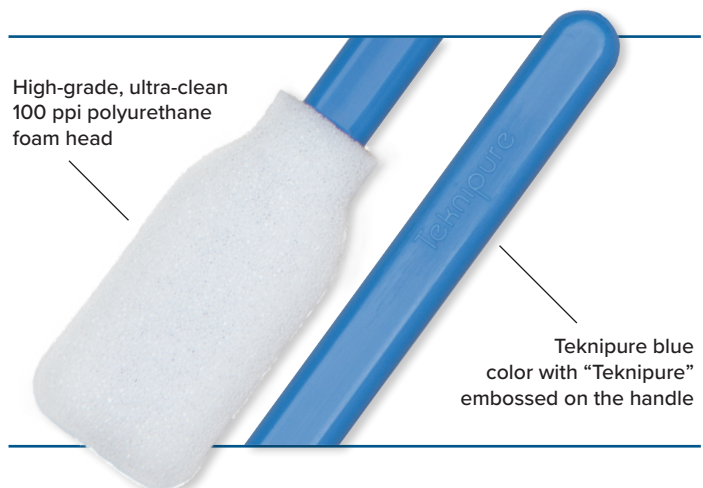
- Semiconductor / Microelectronics
- Aerospace / Defense
- Medical Device / Optics
- Pharmaceutical / Biologics
- Laboratories / Academia
- Printing / Graphics

### Storage Conditions:

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

### Expiration date:

- 5 years from the date of manufacture



| Cleanroom Foam Swabs |  |   |              |
|----------------------|--|---|--------------|
| Part Number          | Description  | Packaging   | Profile View |
| TKS520F              | Pointed Spiral Foam Dual End Swab, 2.614"(6.64 cm) total length        | 100 pcs/inner bag, 5 inner bags/outer bag, 5 outer bags/case, Total 2500 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |
| TKS521F              | Pointed Spiral Foam Dual End Swab, 2.720"(6.91 cm) total length        | 100 pcs/inner bag, 5 inner bags/outer bag, 5 outer bags/case, Total 2500 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |
| TKS522F              | Small Foam Swab, 2.755"(7.00 cm) total length                          | 100 pcs/inner bag, 5 inner bags/outer bag, 5 outer bags/case, Total 2500 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |
| TKS523F              | Medium Foam Swab with cylindrical handle, 3.189"(8.10 cm) total length | 50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |
| TKS524F              | Medium Foam Swab, 4.161"(10.57 cm) total length                        | 50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |
| TKS525F              | Medium Foam Swab, 4.472"(11.36 cm) total length                        | 50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |
| TKS526F              | Rectangular Head Foam Swab, 4.953"(12.58 cm) total length              | 50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |
| TKS527F              | Rectangular Head Foam Swab, 5.020"(12.75 cm) total length              | 50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |

| Cleanroom Foam Swabs |  |   |              |
|----------------------|--|---|--------------|
| Part Number          | Description  | Packaging   | Profile View |
| TKS528F              | Round Head Foam Swab, 5.185" (13.17 cm) total length                   | 50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |
| TKS529F              | Medium Head Foam Swab with Long Handle, 6.402" (16.26 cm) total length | 50 pcs/inner bag, 2 inner bags/outer bag, 10 outer bags/case, Total 1000 swabs/case |              |
| Dimensions (mm)      |  |   |              |
|                      |  |   |              |

**Performance Characteristics**

| Nonvolatile Residue |                         |
|---------------------|-------------------------|
| Extractant          | Typical Value (µg/swab) |
| IPA                 | 0.58                    |
| DI Water            | 0.20                    |

| Physical Characteristics |                           |
|--------------------------|---------------------------|
| Handle Material          | 100% Polypropylene        |
| Head Material            | 100 ppi Polyurethane foam |

| Extractable Ions |                         |
|------------------|-------------------------|
| Ion              | Typical Value (µg/swab) |
| Sodium           | 0.21                    |
| Potassium        | 0.09                    |
| Calcium          | 0.16                    |
| Chloride         | 0.54                    |
| Magnesium        | 0.02                    |
| Fluoride         | 0.18                    |
| Nitrate          | 0.11                    |
| Phosphate        | 0.38                    |
| Sulphate         | 0.19                    |