

PolySWAB™

cleaning critical surfaces



Description

PolySWAB™ 1500 and 1600 Series Swabs feature a patent-pending polyester fabric over foam tip thermally bonded to a polypropylene shaft resulting in a swab that is soft, conformable to work surface yet both resistant to abrasion and solvents. PolySWAB™ is also available with tips fabricated from 100% fabric for applications requiring prolonged exposure to solvents such as Acetone, Ethyl Ether and NMP. Tip options include a heavy weight textured fabric for applications requiring streak-free cleaning.

The PolySWAB™ 1600 Series employs a static dissipative handle for ESD sensitive applications.

Common Characteristics and Benefits

- ◆ Fabric over foam construction compatible with aggressive solvents such as Acetone, Kyzen and MEK
- ◆ Available in multilayer tips where softness and conformability are important.
- ◆ Textured fabric tips enable excellent removal of difficult to remove stains and particles.
- ◆ Proprietary cleaning process ensures low extractable for streak free cleaning.

Applications

- Cleaning stains and particles from scratch sensitive optics and optical assemblies
- Cleaning applications that require Acetone, MEK, NMP and Kyzen
- Cleaning blind surfaces such as O-ring grooves and ink jet print heads
- Removing excess materials in fine assembly operations

Physical Properties

Tip	Fabric Over Foam, Single Knit, Double Knit and Textured Polyester Fabric
Tip Bond	Thermal-Ultrasonic
Handle	Polypropylene and ESD Safe Polypropylene













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Swab Models

Measured in Millimeters. ± 0.02

Product Name	HT1501TC	HT1530T	HT1548Z	HT1550T	HT1585T2	HT1601T2	HT1630FZ	HT1630T	HT1650FZ	HT1650T
										
Head Material	Polyester									
Head Thickness	3.0	1.5	2.2	2.2	5.2	2.9	1.5	1.5	2.3	2.5
Head Width	6.6	3.6	2.3	2.3	14.7	6.3	3.6	3.6	2.4	2.3
Head Length	17.8	10.5	10.5	10.5	23.8	17.0	10.5	10.5	10.5	10.5
Handle Material	Polypropylene					Polypropylene with Permanent ESD Additive				
Handle Diameter	2.9	2.5	2.5	2.5	3.0	2.9	2.5	2.5	2.5	2.5
Handle Length	133.7	62.6	10.5	58.1	104.2	134.6	62.6	62.6	57.9	57.9
Total length	151.5	73.1	68.6	68.6	128.0	151.6	73.1	73.1	68.4	68.4
Head Bond	Thermal									
Handle Color	Blue					White				
Tip Description	Flexible Oval	Flexible, Paddle	Large Pointed	Pointed	Square Head	Flexible Oval	Flexible Paddle	Flexible Paddle	Pointed	Pointed

Cleanliness

Particles (via LPC >.5µm) <3k per swab

NVR (mg/swab)

DI H₂O <.15

IPA <.40

Ionics (Via IC in mg/swab)

Chloride <.9

Sulfate <.4

Sodium <.7

Fluoride <.4

Nitrate <.2

Magnesium <.2

Free of Silicone/Amide

FOR TECHNICAL SUPPORT AND SITE TRAINING: Please contact our technical assistance services at +1.760.599.7160, +1.866.922.7160 or e-mail: info@foamtecintlwcc.com and our staff will arrange for a technical service engineer or a field sales engineer to assist you.



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