



**CPS-862** Wide polyester knit tip with long handle



**CPS-815** Polyester knit tip with wide, medium handle



**CPS-855** Polyester wipe tip with short handle

## Description

These swabs feature high-quality polyester tips and 100% virgin polypropylene light green handles. Complete thermal bond construction eliminates adhesive contamination. They are ISO Class 5 Cleanroom processed, providing low levels of non volatile residues (NVRs) and ions, and making them suitable for critical clean environments processes.

## Features

- Polyester knit tip over rigid core
- Thermally bonded head eliminates adhesive contamination
- Designed for the highest level of contamination control in critical processing applications
- Readily absorbs solvents and solutions and grabs particulates
- 100% virgin polypropylene handle ensures no additional contaminants are introduced while offering excellent chemical resistance
- Cleanroom processed, providing low levels of nonvolatile residues (NVRs) and ions, suitable for critical clean environments processes
- Lot coded for traceability and quality control
- Packaged in a silicone-free and amide-free bag

## Ordering Information

| Part Number    | Description                                 | Packaging                                |
|----------------|---|--|
| <b>CPS-862</b> | Wide polyester knit tip with long handle    | Case of 2,500 Swabs, 5 Inner Bags of 500 |
| <b>CPS-815</b> | Polyester knit tip with wide, medium handle | Case of 2,500 Swabs, 5 Inner Bags of 500 |
| <b>CPS-855</b> | Polyester wipe tip with short handle        | Case of 2,500 Swabs, 5 Inner Bags of 500 |

## Physical Characteristics

| Swab           | Head Material        | Head Width        | Head Thickness    | Head Length        | Handle Width      | Handle Thickness  | Handle Length       | Overall Length      |
|----------------|----------------------|-------------------|-------------------|--------------------|-------------------|-------------------|---------------------|---------------------|
| <b>CPS-862</b> | Double Layer         | 7.0mm<br>(0.276") | 2.8mm<br>(0.110") | 17.5mm<br>(0.689") | 3.2mm<br>(0.126") | 3.2mm<br>(0.126") | 144.3mm<br>(5.681") | 161.8mm<br>(6.370") |
| <b>CPS-815</b> | Ultra Fine Polyester | 12.5mm<br>(0.5")  | 3.0mm<br>(0.118") | 25.0mm<br>(1.0")   | 5.5mm<br>(0.217") | 2.7mm<br>(0.106") | 100.0mm<br>(3.937") | 125.0mm<br>(4.921") |
| <b>CPS-855</b> | Double Layer         | 4.0mm<br>(0.157") | 2.8mm<br>(0.110") | 11.0mm<br>(0.433") | 2.4mm<br>(0.094") | 2.4mm<br>(0.094") | 60.0mm<br>(2.362")  | 69.5mm<br>(2.736")  |



### NVRs

| Swab    | DIW Extractant | IPA Extractant |
|---------|----------------|----------------|
| CPS-862 | 0.14mg/swab    | 0.05mg/swab    |
| CPS-815 | 0.03mg/swab    | 0.05mg/swab    |
| CPS-855 | 0.015mg/swab   | 0.035mg/swab   |

### RoHS Compliant

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Test method with reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Remarks: Unit = 1/mg/kg = 0.001%, MDL = Method Detection Limit, ND = Not Detected ( <MDL ), "-" = Not Regulated.

| Test Items                   | Limit | MDL | 006 |
|------------------------------|-------|-----|-----|
| Cadmium (Cd)                 | 100   | 2   | ND  |
| Lead (Pb)                    | 1,000 | 2   | ND  |
| Mercury (Hg)                 | 1,000 | 2   | ND  |
| Hexavalent Chromium (Cr(VI)) | 1,000 | 8   | ND  |
| Sum of PBBs                  | 1,000 | -   | ND  |
| Monobromobiphenyl            | -     | 5   | ND  |
| Dibromobiphenyl              | -     | 5   | ND  |
| Tribromobiphenyl             | -     | 5   | ND  |
| Tetrabromobiphenyl           | -     | 5   | ND  |
| Pentabromobiphenyl           | -     | 5   | ND  |
| Hexabromobiphenyl            | -     | 5   | ND  |
| Heptabromobiphenyl           | -     | 5   | ND  |
| Octabromobiphenyl            | -     | 5   | ND  |
| Nonabromobiphenyl            | -     | 5   | ND  |
| Decabromobiphenyl            | -     | 5   | ND  |
| Sum of PBDEs                 | 1,000 | -   | ND  |
| Monobromobiphenyl Ether      | -     | 5   | ND  |
| Dibromobiphenyl Ether        | -     | 5   | ND  |
| Tribromobiphenyl Ether       | -     | 5   | ND  |
| Tetrabromobiphenyl Ether     | -     | 5   | ND  |
| Pentabromobiphenyl Ether     | -     | 5   | ND  |
| Hexabromobiphenyl Ether      | -     | 5   | ND  |
| Heptabromobiphenyl Ether     | -     | 5   | ND  |
| Octabromobiphenyl Ether      | -     | 5   | ND  |
| Nonabromobiphenyl Ether      | -     | 5   | ND  |
| Decabromobiphenyl Ether      | -     | 5   | ND  |

| Test Items                        | Limit | MDL | 006 |
|-----------------------------------|-------|-----|-----|
| Di-butyl Phthalate (DBP)          | 1,000 | 50  | ND  |
| Benzyl Butyl Phthalate (BBP)      | 1,000 | 50  | ND  |
| Di-2-Ethyl Hexyl Phthalate (DEHP) | 1,000 | 50  | ND  |
| Diisobutyl Phthalates (DIBP)      | 1,000 | 50  | ND  |