

SWABS



CMS
CERTIFICADA DO BRASIL
CST 3872-8300

TECHNICAL DATA SHEET
CLEANROOM

Swabs

Description

The TechWipe® Swab is made of 100% polyester knit material. Adhesive contamination is eliminated by using a complete thermal bond structure.

Cleanroom produced, with minimal levels of NVRs and ions, and created to strict and repeatable tolerances utilizing high-precision automated techniques.

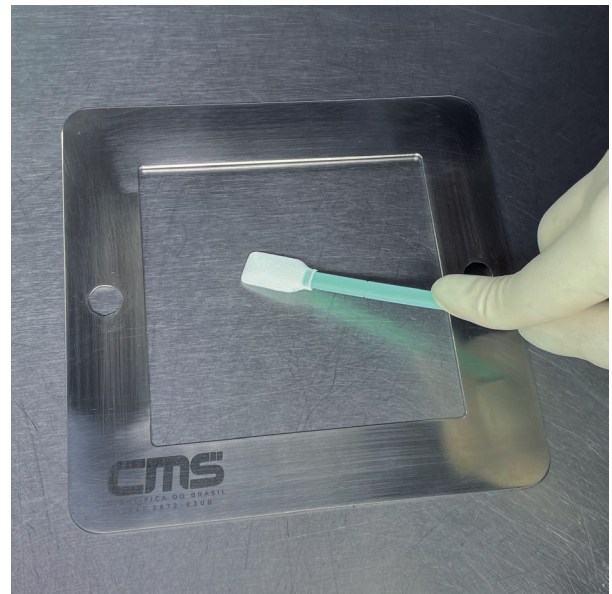
Traceability and quality control are enhanced through lot coding. Packed in a bag that is free of silicone and amide.

Applications

- Spot cleaning in grooves, tracks, slots, and other tiny areas;
- Applying and removing lubricants, adhesives, and other solutions in a very sanitary environment;
- Solvent use (such as IPA).

Features & Benefits

- A double layer of polyester knit fabric is used for increased absorbency.
- Designed to resist snagging and abrading, preventing particle and fiber release;
- High chemical compatibility with a wide range of solutions;
- 100% virgin polypropylene handle prevents the introduction of extra impurities while providing outstanding chemical resistance;
- Laundered in a cleanroom, with ultra-low amounts of particles, NVRs, and ions;
- Autoclave safe in dry heat and steam.



Industries Applications

- Aerospace
- Animal Laboratory
- Biologics
- Cleanroom Design/Build
- Compounding Pharmacies
- Data Storage
- Facilities Maintenance
- Industrial
- Laboratory
- Medical Device
- Microelectronics
- Pharmaceutical
- Printing/Graphics
- Semiconductor

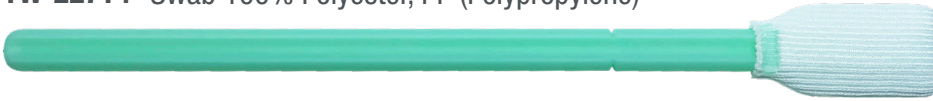
Storage Conditions: Store at ambient conditions, defined as temperatures between 59°F (15°C) and 86°F (30°C).

Products

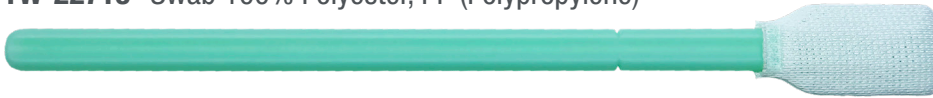
Number	Description	Packaging
TW-22714	100% Polyester, PP (Polypropylene) Handle 125 mm, Head 12,5 mm with/length 25 mm Head thickness 3,5 mm	100 Swabs/Bag
TW-22715	100% Polyester, PP (Polypropylene) Handle 125 mm, Head 12,5 mm with/length 25 mm Head thickness 3,5 mm	100 Swabs/Bag
TW-22761	100% Polyester, PP (Polypropylene) Handle 163 mm, Head 7,0 mm with/length 17 mm Head thickness 2,8 mm	100 Swabs/Bag

TECHNICAL DATA SHEET

TW-22714 Swab 100% Polyester, PP (Polypropylene)



TW-22715 Swab 100% Polyester, PP (Polypropylene)



TW-22761 Swab 100% Polyester, PP (Polypropylene)



Physical Characteristics

	TW-22714	TW-22715	TW-22761
Head Material	100% Polyester	100% Polyester	100% Polyester
Head width	12,5 mm (0,492")	12,5 mm (0,492")	7,0 mm (0,275")
Head thickness	3,5 mm (0,137")	3,5 mm (0,137")	2,8 mm (0,110")
Head length	25 mm (0,984")	25 mm (0,984")	16,8 mm (0,661")
Handle material	Polypropylene	Polypropylene	Polypropylene
Handle width	5,2 mm (0,205")	5,2 mm (0,205")	3,2 mm (0,126")
Handle thickness	3,5 mm (0,137")	3,5 mm (0,137")	3,2 mm (0,126")
Handle length	101,8 mm (4,008")	101,8 mm (4,008")	145,5 mm (5,728")
Total swab length	124 mm (4,881")	124 mm (4,881")	162,3 mm (6,390")
Head bond	Thermal	Thermal	Thermal
Handle color	Green	Green	Green
Design notes	100% Polyester	100% Polyester	100% Polyester

Contamination Characteristics

	Unit	TW-22714	TW-22715	TW-22761
NVR DIW	mg/g	0,1473	0,2087	0,0567
NVR IPA	mg/g	0,4187	0,3073	0,1653
F-	ppm	0,0013	0,0347	0,0144
Cl-	ppm	ND	ND	ND
No ₂ -	ppm	0,0027	0,0017	0,0020
Br-	ppm	0,0016	0,0006	0,0037
No ₃ -	ppm	0,3187	0,5005	0,2626
So ₄ ²⁻	ppm	0,0329	0,0099	0,0096
Li+	ppm	0,0115	0,0760	0,0220
Na+	ppm	0,00291	0,3020	0,3379
NH ₄ ⁺	ppm	0,0185	0,0348	0,0068
K+	ppm	0,5123	0,7514	0,4598
Mg ²⁺	ppm	ND	ND	ND
Ca ²⁺	ppm	ND	ND	ND



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