CALIBRATED DISPOSABLE INOCULATION LOOPS AND NEEDLES

CALIBRATION CERTIFIED

COPAN

ISO CERTIFIED 9001

Calibrated Disposable Inoculation Loops and Needles

Color coded for
easy product identification

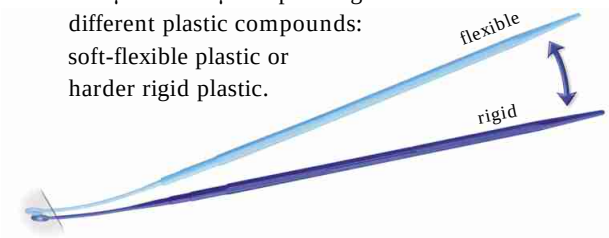
Each loop size and model has a unique color code to facilitate easy recognition and to distinguish different products.

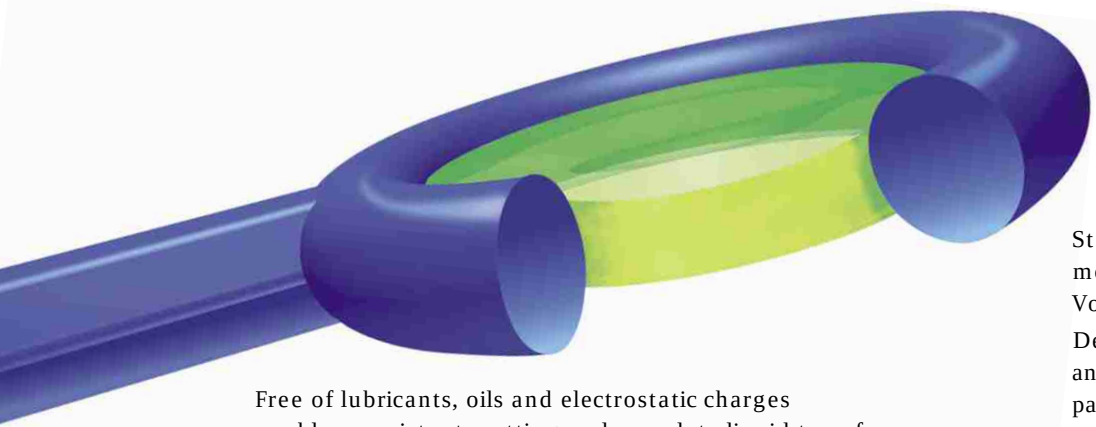
Ultra smooth loop surfaces
allows easy streaking

No rough plastic edges, flashing or burrs on the loop head means smooth problem free planting and streaking of cultures. Loops do not cut or gouge the agar surface during streaking.

Choice of rigid or flexible loops

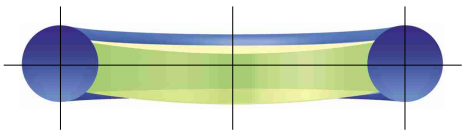
Soft-flexible or rigid plastic to cater to different applications and preferences of microbiologists, Copan manufactures two lines of 1 µl and 10 µl loops using two different plastic compounds: soft-flexible plastic or harder rigid plastic.





Free of lubricants, oils and electrostatic charges
enables consistent wetting and complete liquid transfer

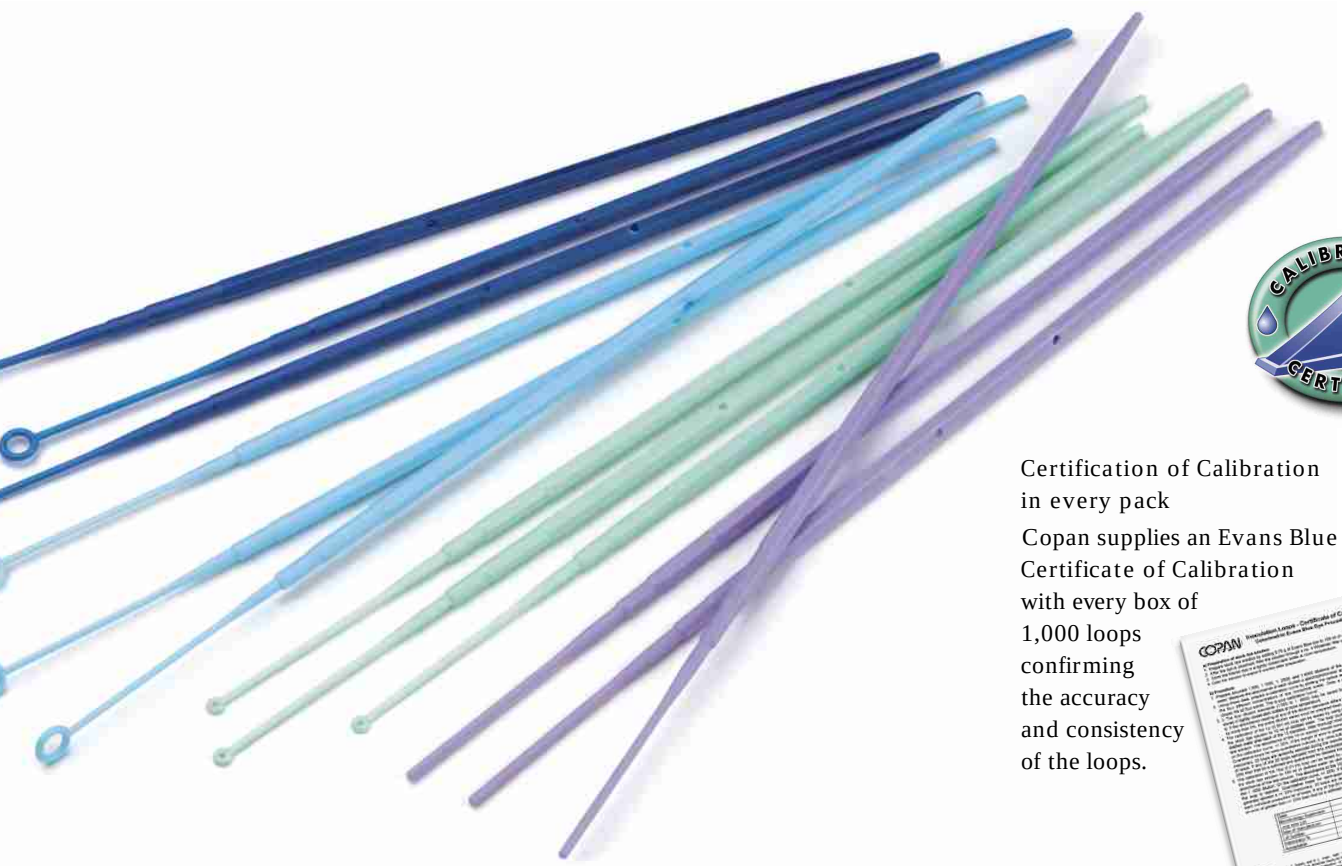
Eliminating these factors allows consistent wetting of the plastic, allowing the correct surface tension on the inside walls of the loop. Correct size droplet is formed and complete transfer of this volume takes place without leaving behind any beads of liquid.



Internal diameter + wall depth (thickness) + surface tension
= actual volume carried

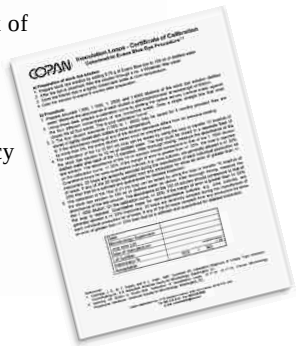
State-of-the-art plastic
molding technology guarantees
Volume Delivery Consistency

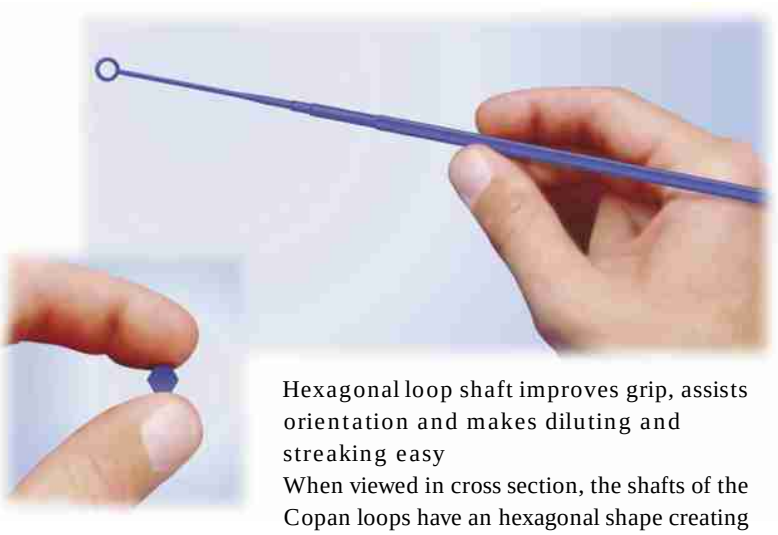
Depth, or thickness, of the loop wall and the internal diameter are critical parameters that control the actual volume delivered by the loop. Copan uses the latest plastic injection molding technology to ensure product consistency and eliminate lot to lot and intralot variations in loop thickness and internal diameter.



Certification of Calibration in every pack

Copan supplies an Evans Blue Dye Certificate of Calibration with every box of 1,000 loops confirming the accuracy and consistency of the loops.





Hexagonal loop shaft improves grip, assists orientation and makes diluting and streaking easy

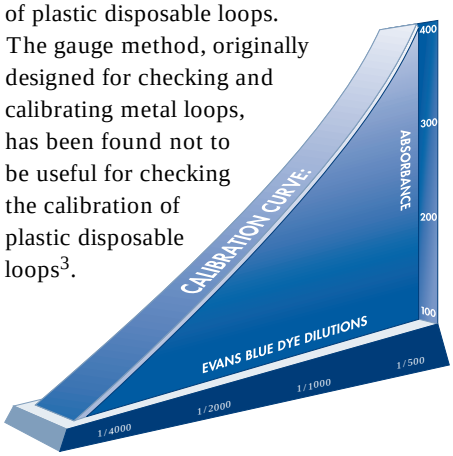
When viewed in cross section, the shafts of the Copan loops have an hexagonal shape creating a handle with six flat surfaces. This design facilitates maximum grip and easy orientation of the loop head. When planting and streaking cultures for isolated colonies, the hexagonal handle allows the microbiologist to quickly and easily rotate the loop head from one flat side to another or from flat side to the edge of the loop. This easy action means diluting streaks for isolated colonies can be performed very quickly and smoothly. The hexagonal loop shaft helps the microbiologist index the first streak then rotate the loop head to achieve the second, third and fourth dilution streaks.

Accuracy certified using Evans Blue Dye Method recommended by ASM[1,2]

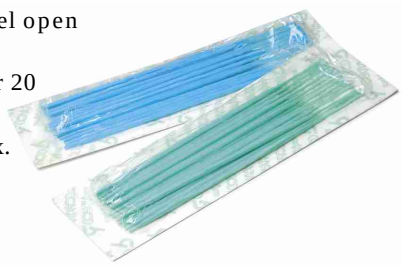
The Volume Delivery Consistency of each production lot is quality controlled and certified using the Evans Blue Dye Method cited in various publications by the American Society for Microbiology. This method measures the actual volume of liquid transferred by a loop.

This colorimetric method is preferred to using gauges for calibrating and certify the volume delivery consistency of plastic disposable loops.

The gauge method, originally designed for checking and calibrating metal loops, has been found not to be useful for checking the calibration of plastic disposable loops[3].



Packed in easy peel open medical pouches
Choose either 10 or 20 loops per pouch.
1,000 loops per box.



COPAN

Sterile L-Shape Spreaders for Spreading Liquid Samples

Sterile L-Shape Spreaders
for spreading liquid samples
The foot of the spreader has a completely smooth rounded surface, free of rough edges and imperfections in the plastic. This feature enables even spreading of liquid samples across the surface of agar plates without gouging or cutting the medium.

Available in two sterile pouch sizes - single wrapped or five spreaders per pack.

spreader shown actual size

REFERENCES:

1. Clarridge, J.E., M.T. Pezzlo, and K.L. Vosti., 1987 Cumitech 2A, Laboratory Diagnosis of Urinary Tract Infections. Coordinating ed., A.S. Weissfield. American Society for Microbiology, Washington,DC.
2. Isenberg HD (Editor in Chief) 1992. Calibration of Quantitative Loops, 12.17.10 - 12.17.12, Clinical Microbiology Procedures Handbook. American Society for Microbiology, Washington,DC.
3. Miller, G.R., J.L. Perry, May 1993. Transfer Volume Accuracy: Calibrated Wire and Plastic Loops. Laboratory Medicine Vol. 24, No. 5, pg. 278-280.

ORDERING INFORMATION

CATALOG NO.	DESCRIPTION		COLOR CODE	PACKAGING	CASE
8175CS10H	1µL LOOP	HARD LOOPS	DARK GREEN	10/POUCH - 1000/BOX	6000/CASE
8175CS20H	1µL LOOP	HARD LOOPS	DARK GREEN	20/POUCH - 1000/BOX	6000/CASE
8177CS10H	10µL LOOP	HARD LOOPS	DARK BLUE	10/POUCH - 1000/BOX	6000/CASE
8177CS20H	10µL LOOP	HARD LOOPS	DARK BLUE	20/POUCH - 1000/BOX	6000/CASE
178CS10	1µL LOOP	SOFT LOOPS	LIGHT GREEN	10/POUCH - 1000/BOX	6000/CASE
178CS20	1µL LOOP	SOFT LOOPS	LIGHT GREEN	20/POUCH - 1000/BOX	6000/CASE
179CS10	10µL LOOP	SOFT LOOPS	LIGHT BLUE	10/POUCH - 1000/BOX	6000/CASE
179CS20	10µL LOOP	SOFT LOOPS	LIGHT BLUE	20/POUCH - 1000/BOX	6000/CASE
176CS20	INOCULATION NEEDLE		VIOLET	20/POUCH - 1000/BOX	6000/CASE
174CS01	L-SHAPE SPREADER		DARK BLUE	1/POUCH - 500/BOX	----------
174CS05	L-SHAPE SPREADER		DARK BLUE	5/POUCH - 1000/BOX	----------

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