

TIP-GUARD

INSTRUMENT PROTECTORS



INTERNATIONAL

Products Designed and Manufactured by the Scanlan Family Since 1921

TIP-GUARD

INSTRUMENT PROTECTORS

Ensuring safe, cost-effective protection of blade tips and edges for all surgical instrumentation.

Designed to eliminate damage to the delicate tips and edges of surgical instrumentation, SCANLAN® Tip-Guard instrument protectors are flexible yet extremely durable. Easily conforming to various shapes and angles, these re-usable instrument protectors may be cut to any desired length and will provide months of effective protection.

Manufactured from a special polymer, SCANLAN® Tip-Guard instrument protectors are offered in a rainbow of colors, providing quick and easy color-coded instrument identification and inspection of instrument tips. Offered in 12 sizes (nine original and three endoscopic), each size is available in colored, tinted, or clear style.

Damage to delicate, unprotected instrument tips and edges is the leading cause for service and repair. Years of independent laboratory testing have proved that SCANLAN® Tip-Guard instrument protectors provide consistently superior protection for most surgical instrumentation.

SCANLAN® Tip-Guard instrument protectors offer many benefits, including . . .

- Long-term cost-effectiveness;
- Unparalleled protection for the delicate tips and edges of most surgical equipment, including scissors, forceps, needle holders, hooks, knives, osteotomes, drills, chisels, K-wires, and fine microsurgical and endoscopic equipment;
- Fully tested for steam, flash, and E.T.O. sterilization;
- Easily conformed to various shapes and angles;
- Re-usable colored, tinted, and clear designs;
- Radiopaque;
- Latex-Safe.



ORIGINAL *TIP-GUARD* INSTRUMENT PROTECTORS

COLORED ORIGINAL *TIP-GUARD*™ INSTRUMENT PROTECTORS



1001-89
Black

WIDTH 1/8" / 3.2 mm
LENGTH 1" / 25.4 mm
HEIGHT 1" / 25.4 mm

1001-88
Brown

1/16" / 1.6 mm
1" / 25.4 mm
5/8" / 15.9 mm

1001-87
Orange

1/16" / 1.6 mm
1" / 25.4 mm
3/8" / 9.5 mm

1001-91
Maroon

13/32" / 10.3 mm
3/4" / 19 mm

1001-90
Yellow

3/16" / 4.8 mm
1" / 25.4 mm

1001-85
Red

1/8" / 3.2 mm
1" / 25.4 mm

1001-86
Green

7/64" / 2.8 mm
3/4" / 19 mm

1001-93
Blue

5/64" / 2 mm
3/4" / 19 mm

1001-92
White

1/16" / 1.6 mm
3/4" / 19 mm

1001-84 Variety Pack (9 assorted color-coded sizes, 100 pieces per package)

TINTED ORIGINAL *TIP-GUARD*™ INSTRUMENT PROTECTORS



1001-305
Black

WIDTH 1/8" / 3.2 mm
LENGTH 1" / 25.4 mm
HEIGHT 1" / 25.4 mm

1001-304
Brown

1/16" / 1.6 mm
1" / 25.4 mm
5/8" / 15.9 mm

1001-303
Orange

1/16" / 1.6 mm
1" / 25.4 mm
3/8" / 9.5 mm

1001-307
Maroon

13/32" / 10.3 mm
3/4" / 19 mm

1001-306
Yellow

3/16" / 4.8 mm
1" / 25.4 mm

1001-301
Red

1/8" / 3.2 mm
1" / 25.4 mm

1001-302
Green

7/64" / 2.8 mm
3/4" / 19 mm

1001-309
Blue

5/64" / 2 mm
3/4" / 19 mm

1001-308
White

1/16" / 1.6 mm
3/4" / 19 mm

1001-300 Variety Pack (9 assorted color-coded sizes, 100 pieces per package)

CLEAR ORIGINAL *TIP-GUARD*™ INSTRUMENT PROTECTORS



1001-205

WIDTH 1/8" / 3.2 mm
LENGTH 1" / 25.4 mm
HEIGHT 1" / 25.4 mm

1001-204

1/16" / 1.6 mm
1" / 25.4 mm
5/8" / 15.9 mm

1001-203

1/16" / 1.6 mm
1" / 25.4 mm
3/8" / 9.5 mm

1001-207

13/32" / 10.3 mm
3/4" / 19 mm

1001-206

3/16" / 4.8 mm
1" / 25.4 mm

1001-201

1/8" / 3.2 mm
1" / 25.4 mm

1001-202

7/64" / 2.8 mm
3/4" / 19 mm

1001-209

5/64" / 2 mm
3/4" / 19 mm

1001-208

1/16" / 1.6 mm
3/4" / 19 mm

1001-200 Variety Pack (9 assorted color-coded sizes, 100 pieces per package)



INTERNATIONAL

ENDOSCOPIC *TIP-GUARD* INSTRUMENT PROTECTORS

The continued growth of endoscopic surgical procedures has given birth to many new instrument designs requiring specially designed tip protectors. Endoscopic SCANLAN® Tip-Guard instrument protectors reduce damage to the delicate tips and edges of endoscopic instrumentation during sterilization, transport, and storage.

Available in three sizes, each offered in colored, tinted, or clear style, Endoscopic SCANLAN® Tip-Guard instrument protectors include specially designed ventilation channels that prevent fogging and condensation on surgical scopes.



$\frac{3}{16}$ " / 5 mm internal diameter
1 $\frac{1}{4}$ " / 32 mm overall length
1" / 25.4 mm working length



$\frac{6}{16}$ " / 10 mm internal diameter
1 $\frac{5}{8}$ " / 41 mm overall length
1 $\frac{1}{8}$ " / 28.5 mm working length



$\frac{1}{2}$ " / 12 mm internal diameter
1 $\frac{3}{4}$ " / 44.5 mm overall length
1 $\frac{1}{8}$ " / 28.5 mm working length

COLORED ENDOSCOPIC *TIP-GUARD*™ INSTRUMENT PROTECTORS



1001-111
Red
 $\frac{3}{16}$ " / 5 mm



1001-112
White
 $\frac{6}{16}$ " / 10 mm



1001-113
Blue
 $\frac{1}{2}$ " / 12 mm

1001-114 Variety Pack (3 assorted color-coded sizes, 30 pieces per package)

TINTED ENDOSCOPIC *TIP-GUARD*™ INSTRUMENT PROTECTORS



1001-311
Red
 $\frac{3}{16}$ " / 5 mm



1001-312
White
 $\frac{6}{16}$ " / 10 mm



1001-313
Blue
 $\frac{1}{2}$ " / 12 mm

1001-314 Variety Pack (3 assorted color-coded sizes, 30 pieces per package)

CLEAR ENDOSCOPIC *TIP-GUARD*™ INSTRUMENT PROTECTORS



1001-211
 $\frac{3}{16}$ " / 5 mm



1001-212
 $\frac{6}{16}$ " / 10 mm



1001-213
 $\frac{1}{2}$ " / 12 mm

1001-214 Variety Pack (3 assorted color-coded sizes, 30 pieces per package)

Please see next page for sterilization.



INTERNATIONAL

Report To: Scanlan International, Inc.

Test Sample: Endoscopic TIP GUARD instrument protectors

Test Procedure: Conventional Steam Sterilization Efficacy Thirty (30) Minute Conventional Cycle
One (1) Full Cycle Exposure **Geneva Laboratories Identification No:** MB8939

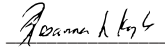
Methodology: The intent of the study was to determine the efficacy of sterilization of the SCANLAN® TIP GUARD instrument protectors in a thirty (30) minute Conventional Steam sterilization cycle.

Results: The nine (9) TIP GUARD instrument protectors were completely sterilized in the thirty (30) minute exposure run.

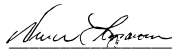
Discussion/Conclusion:

The Scanlan International TIP GUARD instrument protectors were tested to assess the efficacy of a thirty (30) minute Conventional Steam sterilization cycle. The samples were first inoculated with *B. stearothermophilus*, the USP recommended indicator for steam sterilization (at approximately CFU/sample). After placing them on simulated product, they were double pouched and subjected to the indicated steam sterilization cycle in a Gravity Displacement autoclave. Once sterility testing was complete, all the samples demonstrated to have been effectively sterilized under the specified conditions.

Reported by:

Rosanna L. Kyle
Associate Microbiologist

Reviewed by:

Vince Lazzaroni
Study Director-Microbiology

A Complete Concept in Consultation

CAPSULE LABORATORIESA Division of Economics Laboratory, Inc.
Research & Development Center
840 Sibley Memorial Hwy., St. Paul, MN 55118 • 651-457-4926**STERILIZATION OF SCANLAN® TIP GUARD INSTRUMENT PROTECTORS****PURPOSE:**

To determine if SCANLAN® TIP GUARD instrument protectors are sterilizable utilizing conventional autoclaving, flash autoclaving, and ethylene oxide sterilization.

PROCEDURE:**Organisms:**

Bacillus subtilis var *niger* spores at a population of 10⁶ organisms/TIP GUARD were utilized for ethylene oxide sterilization indicators. *Bacillus stearothermophilis* spores at a population of 10⁵ organisms/TIP GUARD were utilized for steam (autoclave) sterilization indicators. These are the indicators recommended in the U.S. Pharmacopeia XIX (p.711).

Sterilization:

1. Conventional autoclaving Exposure to a minimum of 121°C for 15 minutes followed by fast exhausting of the chamber utilizing an American Cyclomatic Control Sterilizer Model-57CR.
2. Flash autoclaving Exposure to a minimum of 132°C for 3 minutes followed by fast exhausting of the chamber utilizing the equipment indicated for conventional autoclaving.
3. Ethylene oxide sterilization Exposure to ethylene oxide for 4.5 hours at 26°C using a SteriVac Gas Sterilizer 400 (3M).

Sample:

Three types of TIP GUARD instrument protectors were investigated and these are illustrated in Figure 1. One sample of each type was inoculated with the appropriate organism for each type of sterilization using 0.1 ml of spore suspension. TIP GUARD instrument protectors were dried overnight at room temperature. Orange TIP GUARD A was placed on a chisel, Red TIP GUARD B on a pair of scissors, and Blue TIP GUARD C on a forceps. Devices were wrapped with paper individually and were sterilized according to the previous procedures.

Sterility Test:

TIP GUARD instrument protectors were removed from the devices aseptically and placed in 10 mls of Soybean Casein Digest (SCD) medium for incubation for 7 days. *Bacillus subtilis* samples were incubated at 37° C and *B. stearothermophilis* samples were incubated at 55° C to insure sterility. Control samples were run simultaneously.

RESULTS:

After 7 days of incubation, no growth was noted for any of the TIP GUARD instrument protectors or for any of the sterilization procedures. All positive controls yielded growth within 48 hours.

CONCLUSIONS:

The TIP GUARD instrument protectors tested were sterilizable under the conditions previously noted. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Katherine M. Johnson
Health Industry SpecialistCAPSULE LABORATORIES
KMJ/il

Sterilization Proven by Independent Testing Laboratories

ADDITIONAL SINGLE-USE & INSTRUMENT CARE PRODUCTS

Scanlan International has been dedicated to supplying hospital operating rooms with the finest surgical instrumentation and products since 1921. After inventing Surg-I-Band® color coding (our first instrument care product), Scanlan has worked hand-in-hand with surgeons and perioperative nurses around the world to develop new and innovative products. Today, Scanlan offers more than 25 single-use and instrument care products to assist in the operating room. Each product reflects the Scanlan continuing commitment to quality... assuring superior designs, the highest quality medical grade materials, and rigorous evaluation and testing. Our goal is to deliver the finest surgical products to aid the world's surgeons, nurses and, ultimately, their patients. ALL LATEX-SAFE.



ORIGINAL & NARROW Surg-I-Band® color coding

ORIGINAL Surg-I-Band® (1/4") and NARROW Surg-I-Band® (1/8") color coding are available in 14 bright colors to produce a multitude of color coding combinations for identification of instruments by surgeon, set, specialty, and suite. Surg-I-Band® color coding is steam, gas, and flash sterilizable. Years of independent laboratory testing has demonstrated that Surg-I-Band® color coding consistently meets or exceeds sterility requirements. Now Latex-Safe (as indicated on spool).



Surg-I-Band® CAROUSEL

The Surg-I-Band® CAROUSEL is designed to save time and effort in applying Surg-I-Band® color coding. Capable of holding up to 12 Surg-I-Band® dispensers, it offers organization and frees up both hands for quick, easy application. The carousel features a weighted base and a rotating top with a center storage area which is ideal for Tip-Guard® instrument protectors.



U.S. Patent Number D318,492

Surg-I-Band® dispenser

The SCANLAN® Surg-I-Band® dispenser reduces application time of Surg-I-Band® color coding by over 60 percent. Its patented design includes an accurate, precise cut and eliminates any possible stretching of Surg-I-Band® color coding (which may occur when using other sharp instruments). The Surg-I-Band® dispenser is reusable, easy to load and unload, and is designed for use with both ORIGINAL and NARROW Surg-I-Band® color coding.



U.S. Patent Number 5,864,953

Surg-I-Band® remover

The SCANLAN® Surg-I-Band® remover allows quick and easy removal of Surg-I-Band® color coding from instruments, saving precious processing time. The Surg-I-Band® remover is reusable, and eliminates the improper use of razors (or other sharp instruments) which may damage delicate surgical instruments.



SCANLAN® Instrument Sterilization Tray System

The SCANLAN® Instrument Sterilization Tray System assists in the sterilization, storage, and transport of surgical instruments. The trays withstand repeated gas, flash, steam, or wrapped sterilization. The trays are slim line, lightweight, impact-resistant, and feature an amber lid to provide visibility of contained instruments. Each includes a silicone mat to securely hold instruments and assure safety. Several designs are available.



INTERNATIONAL

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