

## INSIDE LUMEN DIAMETER

Millimeters	Inches	French Size	Gauge	Millimeters	Inches	French Size	Gauge
0.667	0.026	2.0	22	2.833	0.111	8.5	12
0.833	0.033	2.5	21	3.0	0.118	9.0	11
1.0	0.039	3.0	20	3.333	0.130	10.0	10
1.333	0.052	4.0	18	3.667	0.143	11.0	9
1.667	0.065	5.0	16	4.0	0.157	12.0	8
1.767	0.069	5.3	15	4.333	0.169	13.0	7
2.0	0.078	6.0	14	4.667	0.182	14.0	*
2.1	0.082	6.3	14	5.0	0.197	15.0	*
2.167	0.085	6.5	14	5.333	0.210	16.0	*
2.333	0.091	7.0	13	5.667	0.223	17.0	*
2.5	0.098	7.5	13	6.0	0.236	18.0	*
2.667	0.104	8.0	12				

\*Not indicated

## TYPICAL DEVICES STERILIZED IN THE STERRAD® 100NX® SYSTEM INCLUDE BUT ARE NOT LIMITED TO:\*

- Cameras and couplers
- Fiberoptic light cables
- Rigid endoscopes (including *da Vinci*® 3-D endoscopes)
- Shaver handpieces
- Endoscopic instruments
- Cranial pressure transducer cables
- Defibrillator paddles
- Electrocautery instruments
- Single-channel flexible endoscopes
- Laryngoscope blades and handles
- Surgical power equipment and batteries
- Dopplers
- Ultrasound probes
- Laser handpieces, fibers, and accessories
- Esophageal dilators
- Metal instruments
- Patient lead cables
- Radiation therapy equipment
- Resectoscope/working elements and sheaths
- Rigid endoscopes
- Stereotactic equipment
- Trocar sheaths
- Video cameras and couplers

\*Any devices processed in the STERRAD® 100NX® System must be within the claim limits of the sterilizer and must be processed in the appropriate cycle based on the device materials and lumens.

Please refer to the STERRAD® 100NX® System User's Guide for detailed information on how to effectively use your system. If you have questions about whether a particular device can be sterilized in the STERRAD® 100NX® System, consult with the device manufacturer or visit [www.sterradsterilityguide.com](http://www.sterradsterilityguide.com). For more information, please contact an ASP representative at 1-888-783-7723 or visit [www.aspjj.com](http://www.aspjj.com).

### ADVANCED STERILIZATION PRODUCTS

Division of Ethicon, Inc.

a **Johnson & Johnson** company

ASP<sup>®</sup>  
**STERRAD<sup>®</sup> 100NX<sup>®</sup>**

# WHAT CAN I STERILIZE IN THE STERRAD<sup>®</sup> 100NX<sup>®</sup> SYSTEM?



# HOW TO DETERMINE WHAT CAN BE STERILIZED IN THE STERRAD® 100NX® SYSTEM STANDARD AND FLEX CYCLES

## STEP 1: IS THE REPROCESSABLE MEDICAL DEVICE MADE OF THE FOLLOWING MATERIALS?\*

- Aluminum
- Brass
- Polyacetal (Delrin® acetal resin)†
- Ethylvinyl acetate (EVA)
- Glass
- KRATON® Polymers
- Liquid Crystal Polymer (LCP)
- Polyamide (Nylon®)†
- Polycarbonate
- Polyethylene
- Polyetheretherketone (PEEK)
- Polyetherimide (ULTEM® Polymers)
- Polymethyl methacrylate (PMMA)†
- Polyphenylene sulfone (Radel®)†
- Polypropylene
- Polystyrene
- Polyurethane\*
- Polyvinyl chloride (PVC)
- Silicone elastomers
- Stainless steel
- Polytetrafluoroethylene (Teflon®)
- Titanium

\*\* This list of materials does not apply to trays and containers or other packaging materials. Please refer to the STERRAD® 100NX® System User's Guide for information on appropriate packaging materials for use in the STERRAD® 100NX® System.

† May have limited life after repeated sterilization.

Delrin®, Nylon® and Teflon® are registered trademarks of E. I. DuPont de Nemours and Co. Ultem® Polymers is a registered trademark of the GE Company. Kraton® Polymers is a trademark of KRATON Polymers U.S. L.L.C. Radel® is a registered trademark of Solvay S. A.

If you answered NO or DON'T KNOW, please call the medical device manufacturer for information on how to properly sterilize this device.

If YES, proceed to Step 2.

## STEP 2: DOES THE REPROCESSABLE MEDICAL DEVICE HAVE A LUMEN?

If you answered NO, please proceed with processing.

If YES, proceed to Step 3.

## STEP 3: IS THE LUMEN MADE OF STAINLESS STEEL, POLYETHYLENE, OR TEFLON®?

If you answered NO or DON'T KNOW, please call the medical device manufacturer for information on how to properly sterilize this device.

If YES, proceed to Step 4.

0 in.

6 in.

7 in.

0 mm

Measurements are approximate and for reference only.

150 mm

## STEP 4: PROCEED WITH PROCESSING IF THE LUMEN CONFORMS TO THE DIMENSIONS LISTED BELOW

### SINGLE-CHANNEL STAINLESS STEEL LUMENS

Inside Diameter	Length	Cycle Selection
0.7 mm or larger	500 mm or shorter	STANDARD Cycle <sup>§</sup>

<sup>§</sup> The validation testing for this lumen size was conducted using a maximum of 10 lumens per load. Hospital loads should not exceed the maximum number of lumens validated by this testing. Refer to the STERRAD® 100NX® System User's Guide for additional details.

### SINGLE-CHANNEL TEFLON® /POLYETHYLENE LUMENS

Inside Diameter	Length	Cycle Selection	Special Instructions
1 mm or larger	1000 mm or shorter	STANDARD Cycle	Lumens and Tubing <sup>‡</sup> *
1 mm or larger	850 mm or shorter	FLEX Cycle	Single-Channel Flexible Endoscopes <sup>#</sup>

STANDARD Cycle = 47 minutes • FLEX Cycle = 42 minutes

<sup>‡</sup> These tubing claims have not been reviewed by the Food and Drug Administration.

\*Sterilize without any additional load. Up to 20 pieces of tubing may be sterilized at one time.

<sup>#</sup> One or two Flexible endoscopes can be processed per cycle with or without a silicone mat. No additional load. It is important to follow the medical device manufacturer's instructions for use prior to processing any scope in the STERRAD® 100NX® System.

If the lumens do not conform to these dimensions, please call the medical device manufacturer for information on how to properly sterilize these devices. Lumens not conforming to these dimensions should not be processed in the STERRAD® 100NX® Sterilizer.

## HOW TO DETERMINE WHAT CAN BE PROCESSED IN THE EXPRESS CYCLE.\*

The following types of medical devices can be sterilized in the EXPRESS Cycle:

- General medical devices requiring surface sterilization, or sterilization of mated titanium and stainless steel surfaces.
- Rigid or semi-rigid endoscopes without lumens; for example *da Vinci*® endoscopes.

#### Recommended Materials:

• Aluminum <sup>†</sup>	• Polyetherimide (ULTEM® Polymers) <sup>†</sup>	• Polytetrafluoroethylene (Teflon®)
• Brass	• Polyethylene	• Polyvinyl chloride (PVC)
• Ethyl Vinyl Acetate (EVA)	• Polymethyl methacrylate (PMMA)	• Santoprene™
• Glass	• Polyphenylene sulfone (Radel®) <sup>†</sup>	• Silicone
• Liquid Crystal Polymer (LCP)	• Polypropylene	• Stainless steel
• Polyacetal (Delrin® acetal resin) <sup>†</sup>	• Polystyrene•	• Titanium
• Polycarbonate		
• Polyetheretherketone (PEEK)		

Items made of Nylon®, Polyurethane, or Kraton®, and items with mated Delrin®, mated Ultem®, mated Radel® or mated aluminum surfaces must not be processed in the EXPRESS Cycle, even though they can be processed in the STANDARD and FLEX Cycles. Sample devices containing excluded materials include flexible scopes, cameras and light cords.

<sup>†</sup> Mated surfaces excepted.

\* The EXPRESS Cycle was validated using a load weight of 10.7 lbs on the bottom shelf only. If you have questions about the materials in your devices, contact the medical device manufacturer or your ASP Customer Representative for more information.

