

The next generation of RFID is here – GammaTag RFID tags from Verigenics. They're the first radio frequency identification tags that handle gamma radiation with no loss of data.

GammaTag provides reliable electronic data storage of single-use medical devices, bioprocess components and other parts from inception to disposal. GammaTag is available exclusively from Verigenics, a division of NewAge® Industries.



KEY FEATURES

- Uses read/write RFID technology to identify critical process components in medical device, pharmaceutical, bioprocess/biomedical, food, and beverage industries
- Record and access the current status of process components on the spot, or use simply for identification (part number, lot number, gamma sterilization date, etc.)
- All critical packaging and labeling documentation resides on the component throughout its useful life
- Attaches to single use medical devices, sample and production bags, tanks, filters, manifolds, tubing and hose, storage containers, single-use systems, boxes or pallets undergoing gamma radiation sterilization, and dosimeters
- Allows gamma radiation sterilization of a complete single use system for the cleanest possible products
- Also withstands CIP sterilization processes
- GammaTag's read/write ability makes it unique – data may be written directly on the tag, unlike read-only bar code labels
- Provides reliable identification without the potential hazards of leachables found in label adhesives and permanent markers
- Will not fall off during cold storage like labels can
- Unlike bar code labels, GammaTag does not require a clear sight line for reading or writing
- Electronically links to notes, cleaning schedules, files, certifications, photos and illustrations, installation instructions, warning notices, disposal procedures, and other instructions
- Eliminates the burden and bulk of paper records and log books
- RoHS compliant
- U.S. Patent 8,519,846
- Field testing recommended for each application

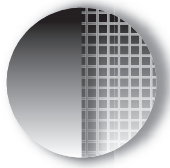
IDENTIFICATION

www.verigenics.com
www.gammatag.com



verigenics®

A division of
NewAge® Industries, Inc.



SPECIFICATIONS

Dimensions:	22mm in diameter; 2mm thick
Read/Write Range:	up to 50mm
Power Type:	passive; energized by RFID reader/writer
Gamma Radiation:	up to 45 kGy
Chipset:	Fujitsu MB89R118
Memory Capacity:	2048 bytes
User Memory Area:	2000 bytes
Operating Frequency:	13.56MHz ± 0.7MHz
Modulation Type:	10%ASK
Operating Temperature:	-20°C to 85°C
Storage Temperature:	-40°C to 85°C
Data Retention Period:	10 years at 55°C
Data Endurance:	10 ¹⁰ cycles
Read Speed:	1525 ms (2048 bytes)
Write Speed:	1413 ms (2000 bytes)
Other:	8 bytes/block configuration ISO/IEC 15693 commands full support Reading up to 256 blocks using custom commands

Address: NewAge® Industries, Inc.
145 James Way
Southampton, PA 18966 U.S.A.

Toll Free Phone: **888-323-5131**
Phone: **215-526-2180**
Fax: **215-526-2191**
Web Site: **www.verigenics.com**
E-mail: **info@verigenics.com**



A division of NewAge® Industries, Inc.

©2024 NewAge® Industries, Inc. Specifications are subject to change without notice. GammaTag®, Verigenics®, NewAge®, and the "N" logo are trademarks of NewAge® Industries, Inc.

WARRANTY: NewAge Industries products are warranted to be free from defects in material and workmanship. Any product found to carry such defects will be replaced without charge. This warranty is limited only to the replacement of NewAge Industries products, item for item, which after examination by NewAge Industries are deemed defective. NewAge Industries specifically disclaims any other liability. The data supplied is provided as a helpful guideline and is believed to be reliable; however, nothing stated shall constitute a guarantee, recommendation, or warranty for any application.

NOTICE: NewAge Industries, Inc. has been a privately owned corporation since 1954. Neither the corporation nor its principals are affiliated, in any way, with any other group or entity either representing themselves as or being referred to by the term New-Age.



ESOP Employee Owned
for Your Benefit

WARRANTY: NewAge Industries products are warranted to be free from defects in material and workmanship. Any product found to carry such defects will be replaced without charge. This warranty is limited only to the replacement of NewAge Industries products, item for item, which after examination by NewAge Industries are deemed defective. NewAge Industries specifically disclaims any other liability. The data supplied is provided as a helpful guideline and is believed to be reliable; however, nothing stated shall constitute a guarantee, recommendation, or warranty for any application.

NOTICE: NewAge Industries, Inc. has been a privately owned corporation since 1954. Neither the corporation nor its principals are affiliated, in any way, with any other group or entity either representing themselves as or being referred to by the term New-Age.