



TegoTag™ Halo

Superior Performance High Memory Tag for Aerospace

TegoTag Halo™

Key Features

- Fully compliant to ATA Spec 2000 Chapter 9-5, Version 2013
- Supports ATA Dual-Record Tag and Multi-Record Tag for flyable parts
- Innovative, rugged memory platform has been tested and validated throughout aviation industry
- Withstands high temperatures, and gamma radiation (>150+ kGy)
- Memory lasts 30+ years
- Compatible EPCglobal Class 1 Gen 2 readers



The 3mm high TegoChip™ is at the core of the TegoTag. The intelligence inside creates smart assets to read/write any information needed to make smarter business decisions.

Product Overview

TegoTag Halo is Tego's superior performance high memory standards-compliant tag available for aerospace. It is available with either the Dual Memory (DM) chip or Multi-record Memory (MM) chip inside. At its core, the TegoTag contains a TegoChip™, the intelligence inside that creates smart assets that store and share everything from basic part identification to detailed, historical - MRO information.

Halo is ideal for tagging aircraft parts exposed to harsh environments. The rugged flyable tags complies with SAE AS5678 requirements for withstanding environmental factors such as temperature, air pressure, vibration and shock.

Product Specifications

| Attribute | TegoTag Halo |
|---------------------------------|---|
| Dimensions | 155.6 x 25.4 mm 6.125 x 1.00 in. |
| Read Range | Up to 1.5 m (60 in.) |
| Overall Thickness | 0.4 mm / 0.015 in. |
| Operating Temperature | -40 to +85° C -40 to +185° F |
| Minimum Application Temperature | 10° C 50° F |
| Installation Areas | Pressurized |
| Air Interface | Fully passive; EPCglobal Class 1 Gen2: ISO 18000-6C |
| Operating Frequency | 860 – 960 MHz |
| Memory Availability | Dual Memory and Multi-record Memory |
| Ingress Protection Rating | IP68 |
| Certifications and Standards | AS5678, DO-160, ATA Spec 2000 |
| Attachment | 3M 300LSE with release liner. Two options available: 6" full-length adhesive for surface mount (non-metal) or 1" adhesive patch to hang from oxygen generators or other metal parts |



Pioneering Next Generation RFID

To order, contact Tego at sales@tegoinc.com.

Tego, Inc. • 375 Totten Pond Road • Waltham, MA 02451 USA • T: +1 781.547.5680

www.tegoinc.com

Copyright 2013 Tego, Inc. All rights reserved. Specifications subject to change without notice. Tego, TegoView, TegoTag and TegoChip are registered trademarks of Tego, Inc. All other trademarks or registered trademarks are the properties of their respective owners.