



The perfect solution for tracking assets on metal or non-metal surfaces that do not allow for attachment directly to the asset. The construction protects the inlay from environmental conditions that could affect the performance of the RFID tag. Reusable hang tags are attached to the asset using mechanical fasteners (i.e., plastic ties) and can be removed and reattached. Great for work-in-process and returnable containers.

All Metalcraft RFID tags are designed with our proven durability, ready to withstand repeated usage in rugged environments, generating a greater ROI for your business. Each tag can be programmed to match the variable information printed on the label. Subsurface digital printing is available, which ensures crisp details on even the most complex logos for maximum clarity. Four color processing is available for limitless color and design options.

**Material and Design Specifications**

- Overall dimensions: 4.75" x 1.75" x .025" (120.65 x 44.45 x 0.64 mm) and 2" x 1.5" x .025" (50.8 x 38.1 x 0.64 mm)
- Other sizes are available
- Durable, permanent materials - polyester
- Digital printing process provides for greater print capability with detailed logos/special designs

**Technical Specifications**

- **RF protocol for UHF** EPC Global ISO 18000-6C
- **RF protocol for NFC** ISO 14443
- **RF protocol for HF** ISO 15683
- **Frequency for UHF** 860-960 MHz
- **Frequency for HF/NFC** 13.56 MHz
- **IC type** Various (Inlay-dependant)
- **Chip memory** Various (Inlay-dependant)
- **Read range** Inlay-dependant

**RFID Hang Tags**

**HANGING TAGS**

**Key Features**

- Ideal for asset tracking on metal or non-metal surfaces that do not allow for attachment directly to the asset
- Removable and reusable - creates more ROI
- Made of durable polyester material
- Digital printing process provides for greater print capability with detailed logos or special designs
- Meets EPCglobal Gen2 (v 1.2.0) as well as ISO/IEC 18000-6C:2044/Amd 1:2066 (type C)
- Compatible with RFID Tracking Software

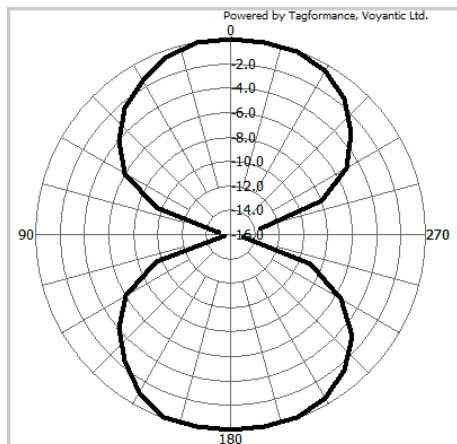
**Applications**

- Asset Tracking
- Returnable Containers
- Work-In-Process

**Environmental Specifications**

- Minimum Application Temperature +40 °F (4.4 °C)
- Operating Temperature Range: 0 °F to +185 °F (-17.8 to 85 °C)
- UV Resistance: Indoor/outdoor use
- Chemical Resistance: Can withstand common cleaning chemicals.

**Radiation Pattern**



\*Standard UHF inlay pattern, will vary with custom inlay options.

## Test Results

These tests were conducted for a limited period in strict laboratory conditions. To achieve maximum satisfaction, we highly recommend any customer considering use of this product test the labels in the environment in which they will be used.

Chemical Test Summary: Test of label structure and printed image as well as the readability of the inlay. 24-hour soak test conditions were used.

Product (Time)	Water	Glass Cleaner	Bathroom Cleaner	Alcohol	Acetone	NaOH	Nitric Acid
RFID Hang Tag (24 Hours)	NE	NE	NE	NE	DE, IU	NE	NE

Key: NE - No Effect, DE, IU - Delaminated, Inlay unreadable

## Industry Compliance

