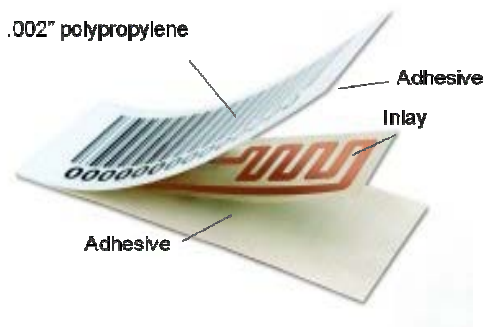




Standard RFID Tag

Metalcraft's RFID Standard RFID Tags are ideal for asset tracking applications on non-metal surfaces that require attachment directly to the asset. The construction completely encapsulates the inlay sealing it from environmental conditions that could have an adverse effect on the performance and the life of the RFID tag.



Applications : Asset Tracking

Materials

- **Material:** .002" thick polypropylene is standard. Optional materials include polyester and polycarbonate.
- **Standard Adhesive:** .0035" thick pressure-sensitive adhesive that provides excellent adhesion to uneven, rough and even slightly oily surfaces. Optional adhesives available.
- **Construction:** RFID inlay encapsulated between .002" thick polypropylene

Specifications

Styles:	One-Color, Two-Color, Three-Color, Four-Color
Numbering Options:	No Numbers (Copy Only), Serialized/Unserialized Numbers, Bar Code with Human Readable Numbers (RFID inlay programming included)
Standard Sizes:	No. 917 – 4 ½ x 1" No. 1163 – 4 ¼ x 4 ¼" Additional sizes available.
Standard Production Time	15 work days
Standard Colors:	black, red, yellow, green and blue Custom colors available
Read Range:	Using the Alien Squiggle inlay and an AR400 portal reader at 24 dbm (1/4 of maximum power) read ranges were between 10 and 20 feet depending on attachment surface
Standard RFID Inlay:	Alien Squiggle and KSW Excalibur RFID inlays are standard. Optional inlays available.
Environment:	Mild and moderate. Resists moderate solvents and caustics/acids.

Single-Side Adhesive* Materials: polypropylene, polyester, polycarbonate

- Print Process: subsurface print

- Print Copy: variable data such as bar code and/or human readable
- Affixing Method: pressure sensitive acrylic and rubber based adhesives
- Applications: fixed asset applications primarily on non-metal surfaces
- Inlays: Alien Squiggle™, KSW Excalibur, Avery Dennison 222, Rafsec Short Dipole, Alien 2 x 2
- Operating Temp: -25°C/-13°F to 65°C/149°F (inlay manufacturer rating)
- Read Range: 18-20 ft using Motorola AR400 reader at 24 dbm**