



# RFID Enabled Pole Tag

High Visibility • Barcode & Variable Data • Custom Printed & Programmed • Harsh Environment • Waterproof

## Technical Data Sheet

## Part: #WFS- ES-0035

### General Description

#### RFID Enabled Pole Markers

Only available at William Frick, these RFID- enabled pole markers offer quick and easy identification of utility poles, posts, cabinets, pedestals, enclosures, switch gear, transformers, pipelines and underground assets. In fact, these RFID pole markers can be read from a moving vehicle, saving your crew time. The data can be displayed in human- readable format, barcode and UHF Gen 2 RFID, making these markers perfect for the electric utility that is transitioning between the three display formats. The triple read also provides data security and redundancy in case of vandalism or graffiti.

Pole tags can be attached using screws to wood or metal. They are available in different sizes and either horizontal or vertical orientation. Made of extremely durable materials, RFID pole markers will survive years of wind, rain and sun exposure.

- Long- lasting embedded graphics
- UV- resistant colorfast images
- Graffiti resistant construction
- Versatile attachment by adhesives, screws or nails
- Barcode / Digital serial imaging

### Applications

Overhead & Above Ground Marking, Asset Marking & Tracking, Cabinet Labeling, Pedestal Labeling, Outdoor Use, Harsh Environments

### Material Description

#### Extreme Outdoor Durability

Custom graphics or designs available

Sizes (mil or inches):	12" H x 1.5" W, or custom
Expected Outdoor Durability:	30+ years*
Service Temperature range:	-40° F to 185° F
Available Colors:	Yellow, Orange, Red, or Custom
Water Resistance:	Excellent
Solvents Resistance:	Excellent
UV Resistance:	Excellent
Abrasion Resistance:	Excellent

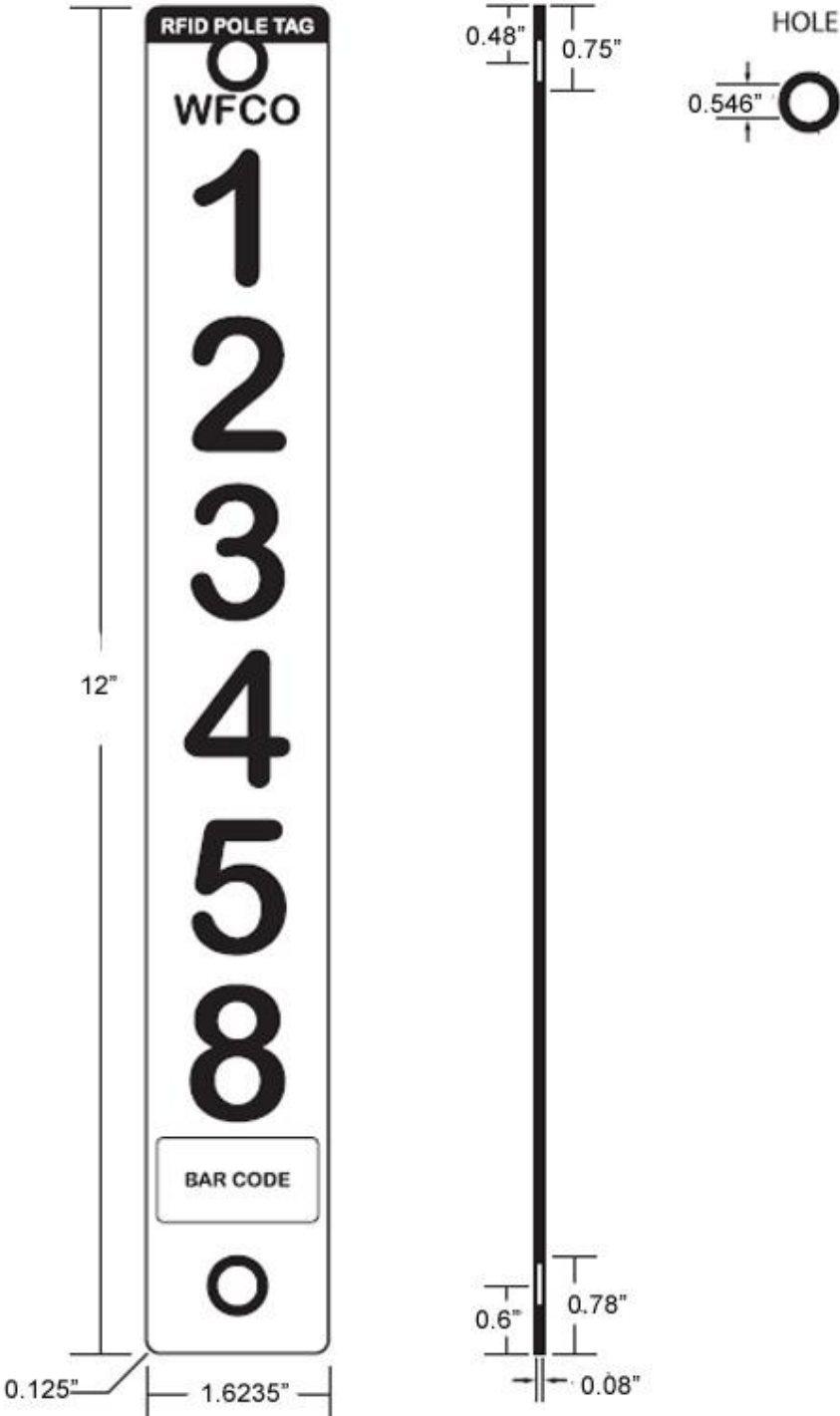
\* the life of the RFID component may be significantly less than the readable life of the tag/ label to which it is attached

### RFID Performance

RFID Protocol:	UHF Class 1 Generation 2
Chip Manufacturer:	Impinj (96 Bit) or Philips (512 Bit)
Read Range:	Approx. 30 ft.

Also available with other inlays





ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED  TOLERANCES 3 PLACE DECIMAL + OR-.005" 2 PLACE DECIMAL + OR-.02" 1 PLACE DECIMAL + OR-.1"  MAX SURFACE ROUGHNESS ALL MACHINED SURFACES EXCEPT AS NOTIFIED  BREAK SHARP EDGES AND CORNERS .010" MAX	Contact No.	William Frick & Co. <span>www.fricknet.com</span>		
	DWG.	RFID Enabled Pole Tag		
	Engr.			
	Chk.			
	Aprvd.	Size.	DWG No. WFS- ES-0035	Rev.