

# EXLOC INSTRUMENTS USA

*Your one-stop-shop for hazardous area equipment.*

## Oil & Gas ID Solutions Serialized Assets Surface / Subsea / Downhole

**UHF RFID DRILL PIPE TAG** – (24mm diameter x 9.6mm height) The threaded tag is designed to withstand **DOWNHOLE** drilling conditions, including HPHT environments.

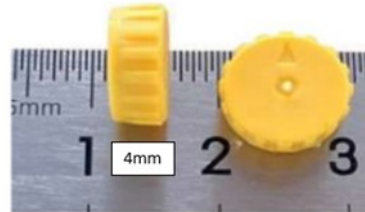


Made from a custom PEEK polymer blend, the tag is easy to scan, enabling fast/accurate drill pipe tally at the rig, pipe validation scanning on the rack, field /shop inspections and yard inventory. These workflows are optimized through mobile scanning technology combined with industry software solutions. The tag is frequency turned to support global deployment, and comes with ATEX/IECEX/C1D1 hazardous area certifications.

**HF/NFC or UHF RFID PLUG CHIP** – **UHF** (10mm wide x 4mm height) **HF** (10mm wide x 3mm height). Simply tap these tiny chips into metal, flush or slightly below the surface of the asset for the ultimate in durable RFID. Intended for electronic product ID, lifecycle management and inspection applications. Scan with an NFC enabled phone/tablets or separate Bluetooth scanner. VERY LOW COST version for manufacturer's to add



these chips to products at the factory. Provide all the features of a QR code in a durable NFC RFID package, enabling public access to important data about each asset like MTR's, product specs, inspection history, date in service, next service date and schematics. These chips come in two versions. One for **SUR-**



**FACE** equipment and another version (HTHP) for small diameter **SUBSEA/DOWNHOLE** tools and equipment.



The ATEX/IECEX/C1D1 hazardous certified UHF version of this chip (19mm wide x 4mm height) was designed for **SURFACE** assets requiring longer scan distances to quickly and accurately automate:

Checking in/out equipment at the warehouse/service center, staging of equipment at the warehouse/service center, well site validation that the right equipment/tool is being deployed for the job.

**Hazardous Rated UHF RFID Bluetooth Reader**

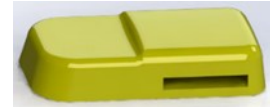


**APPLICATION:** Valves, tools, Lifting/Rigging gear, Riser Bolts, top drives, tongs, elevators

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Dual Frequency **BAND TAG** – Use up to 5/8" wide metal bands to attach this tag to your **SURFACE** equipment. This durable nylon tag houses both an NFC and UHF RFID chip. Use NFC to scan with an NFC enabled phone or tablet for inspections and "Scan and view" workflows. Use UHF RFID mobile or fixed reader/ antenna technology to quickly and accurately stage/ship/ receive/move your assets.



**APPLICATION:** Wellhead stacks, loose valves, palletized valves, large diameter frac/industrial hose

HF/NFC RFID **BAND TAG** – Use a 1/4" metal bands to attach this tag to your smaller diameter **SURFACE** hose, pipe or valves. This durable nylon tag can be customized with your company logo. In the field scan with an NFC enabled phone or tablet for inspections and "Scan and view" workflows. Back at the shop scan with a FEIG Bluetooth reader for faster receiving/testing/inspections/staging/shipping higher volume of items at one time.



**APPLICATION:** Wellhead stacks, loose valves, palletized valves, industrial hose

**BARCODE 304SS PLATE** – (.018 thick) 2.00" W x 1.00" tag / Barcode / (2) slots on sides. Brand with your name/logo. Unique serial number/barcode on each tag. High quality fiber laser engraved image. Affix with 1/4" wide SS bands. Attach with industry standard 25" SS band.



**APPLICATION:** Industrial hose, pipe, plant equipment

HF/NFC or UHF RFID **MULTI-PURPOSE TAG** – Easy peel "n stick to your **SURFACE** equipment or add to any metal or anodized aluminum plate that is often affixed to surface equipment. This unique tag can become part of an integrated RFID plate solution for surface assets.

**PEEL and Stick**



**ID Plate Integration**

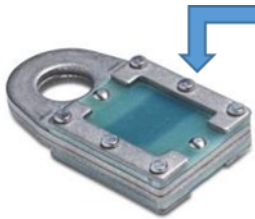


**APPLICATION:** Surface Oilfield Equipment, pumps, compressors, motors

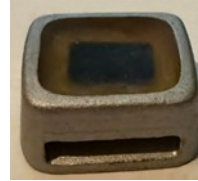
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**HF/NFC or UHF RFID METAL BAND TAG** – Use a metal band to attach your choice of HF/NFC or UHF RFID tags to your **SURFACE** industrial pipe, iron, swivels, etc. These durable metal tags will survive typical oilfield abuse from hammer blows and direct contact from other iron.

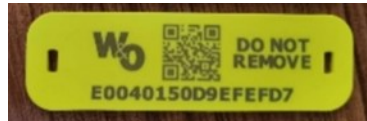


Use wire rope to attach this UHF tag to assets that go in baskets / containers / racks and scan with mobile UHF readers. This tag's unique 360 degree scan angle design maximizes scan distance at all angles, often eliminating emptying of baskets to scan.



**APPLICATION:** Iron hit by hammers and/or tossed into containers or baskets

**HF/NFC or UHF RFID FLEX HANG TAG** – Highly chemical/UV resistant RFID tag material, proven to help track critical **SURFACE** assets like valves and actuators. Customize the tag with your logo and serial#. Scan with your NFC enabled phone



and tablet or separate Bluetooth reader for inspections or simply view important data about each asset (MTR's, product specs, inspection history, date in service, next service date, and more) . Scan the UHF tag version with fixed readers or UHF enabled mobile scanning devices for inventory/shipping/receiving workflow automation.



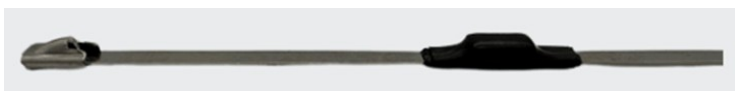
**APPLICATION:** High Visibility, Easy to Scan, Valve and Heavy Equipment Identification

**UHF or DUAL FREQUENCY UHF/NFC RFID EQUIPMENT TAG** – Screw, rivet or epoxy these long distance scanning tags to a flat surface. Take advantage of the dual frequency configuration. Scan large high value assets like trailers/baskets from up to 30+ feet away with either mobile UHF RFID scanners or Fixed Reader antenna technology to automate workflows like shipping/receiving/Parent-Child Asset association. For inspections, scan the HF/NFC chip embedded in the tag with your phone or Bluetooth reader. **OPTIONAL:** Customize with your company brand/logo.



**APPLICATION:** Tag Containers, trailers, skids, wellhead "parent" asset tag, large equipment and more

**UHF or HF/NFC RFID SUBSEA EQUIPMENT TAG** – This SS banded solution is proven to survive offshore subsea conditions. Simply band to your subsea assets and scan.



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