

OILFIELD RFID SOLUTIONS

SERIALIZED ASSET TRACKING

SURFACE/SUBSEA/DOWNHOLE



UHF RFID DRILL PIPE TAG - (24mm diameter x 9.6mm height) This 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 can be frequency tuned to support global deployments, and comes with ATEX/IECEX/C1D1 hazardous area certifications.

HF/NFC or UHF RFID PLUG CHIPS – UHF (10mm wide x 4mm height) **HF** (10mm wide x 3mm height).

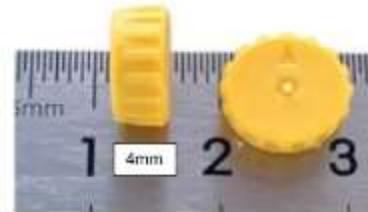
Simply tap these tiny chips into metal, flush or slightly below the surface of the asset for the ultimate in durable RFID. Intended for electronic product ID, lifecycle asset management and inspection applications. Scan with an NFC enabled phone/tablets or separate



industrial UHF bluetooth reader. Add RFID chips to products at the factory

or service center to unlock all the features of a QR code in a durable NFC RFID package. Enable 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 **SURFACE**

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



A larger **UHF** (19mm x4mm) plug tag that carries global hazardous area certifications was designed for **SURFACE** assets located on the rig floor requiring longer scan distances. This automates:

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

Hazardous Rated UHF RFID Bluetooth Reader →



APPLICATION: Rig floor equipment and tools like tongs, top drives, elevators and more.

Dual Frequency BAND TAGS – Use up to 5/8” wide metal bands to attach these to your **SURFACE** equipment. This durable nylon tag houses both **NFC and UHF RFID** technology.



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 Small 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. High volume shops should consider scanning with a **FEIG HF/NFC** Bluetooth reader for faster processing.



APPLICATION: Small diameter industrial hose, valves, pipe.

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 stand alone or become part of an integrated RFID plate solution for surface assets. This tag utilizes an oilfield proven 3M VHB adhesive solution.

PEEL and Stick



ID Plate Integration



APPLICATION: Surface Oilfield Equipment, valves, pumps, compressors, motors and more

Dual Frequency or UHF RFID METAL TAGS – When an ultra-durable tag is required for your metal **SURFACE** equipment used in frac or completions operations, we have the solution.



Wire-Rope attach 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.

Use standard 1/2” or 3/4” metal bands to attach our new **Dual Frequency Metal Band Tag**. Take advantage of UHF’s long distance scanning for tracking asset movement and HF/NFC’s accessibility for accurate “phone scanning” to perform spot inspections and shop re-certifications.



APPLICATION: Frac/Completion Iron like swivels, pups, 1502 iron, etc

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, tablet or UHF Bluetooth reader Automate inspections or scan and 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

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/skids from up to 30+ feet away with both mobile and fixed UHF RFID reader



technology. Automate workflows like shipping/receiving/Parent-Child Asset association. For inspections, scan the HF/NFC chip embedded in the tag with your phone or tablet. **OPTIONAL:** Customize the tag with your company name/logo.

APPLICATION: Containers, trailers, skids, wellhead “parent” asset tag, large equipment and more.

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



Rigid, rectangular shaped UHF RFID tags are available in various sizes and can be deployed based on your specific requirements. The tag's composition is proven to survive the most extreme subsea conditions. A secondary epoxy glob is applied around the tag edges to assure the tag stays in place for the life of the asset.