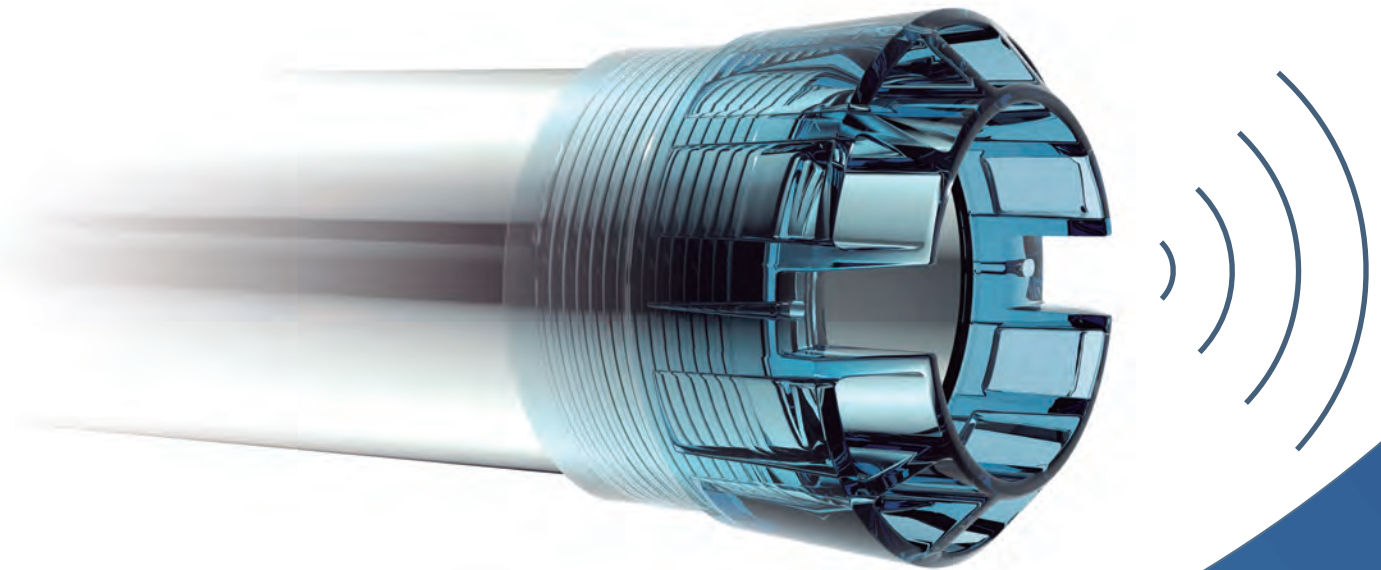




PREMIUM PROTECTOR[®]

Reliable, Rig-Ready.



The protectors that simplify operations

»» The challenges of tubulars logistics in the oil & gas industry



- ☉ Deal with **significant streams** of heavy, voluminous, and expensive products.
- ☉ Control, **store, inventory, measure**, move, track, clean, calibrate and maintain pipes located in various locations.
- ☉ Use pipes **before they corrode** and must be scrapped.
- ☉ Be able to meet customers' pipe demand quickly and accurately in the current competitive environment.



Know what you have, know it right and right now with Premium Protector !



Multi-patented RFID-based solutions by Premium Protector simplify pipe management:

- ☉ **Distance reading:** no handling for safer inventory.
- ☉ **Mass reading:** fast and accurate inventory of huge quantities of items.
- ☉ **Blind reading:** read information in spite of stacking, dust, rust and dirt.
- ☉ **Tracking:** follow all your pipes anywhere.
- ☉ **Tracing:** permanent data record of each pipe.
- ☉ **ERP system compatibility:** fit with all your logistic software.



2013

French Oil&Gas companies
and drillers association
GEP-AFTP Innovation award



International RFID congress
Most innovative start-up



Premium Protector simplifies the pipe logistics in the oil & gas industry to make the complex tasks easier and guarantee the reliability of logistic data in real time, from the manufacturing stage to the operation.

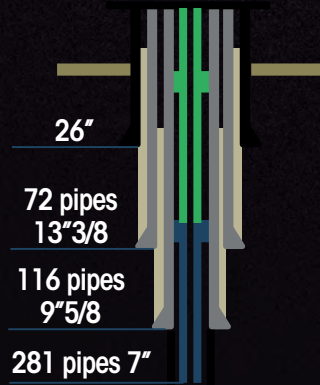
With personnel from various sectors (RFID, computer science, plastics manufacturing, casing / tubing manufacturing, drilling, completion), Premium Protector develops robust and reliable solutions that meet the highest oil & gas industry standards, with a production capacity that will match your needs.



RIG READY!

Enhance tally reliability by automation of manual operations.

With the eTally software developed by Premium Protector:

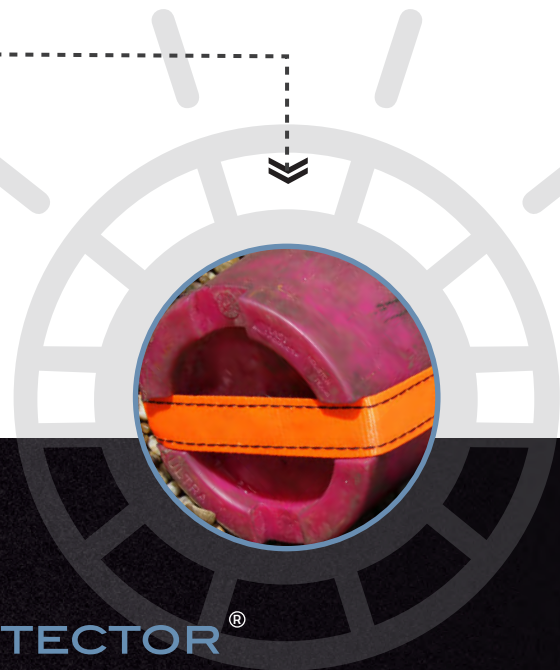


- ⦿ Automated detection and recording pipe length
➡ fewer human errors in reading & writing.
- ⦿ Automated detection of pipes on the rig floor and precise calculation of total length.
- ⦿ No risk to exceed total depth
➡ completion integrity.
- ⦿ Reduction of risk of idle machines due to tally errors.
- ⦿ High savings.

Smart Protector solution

RFID chip support for all connection types

- ☉ Contains an **RFID chip that identifies** the pipe reliably: the chip never leaves the tube until the pipe is run in hole.
- ☉ **Fits all protectors**, independently from a proprietary thread.
- ☉ **No interference with normal operations:** protectors can be removed without separating the chip from the pipe.



PREMIUMPROTECTOR®

Reliable, Rig-Ready.



» Premium Protector solution

RFID chip support for dope free connections

- ☉ Contains an **RFID chip that identifies** the pipe reliably: the chip never leaves the tube until the pipe is run in hole.
- ☉ **Protects the connection** with its high mechanical resistance and its perfect airtightness. **API 5CT** qualified.
- ☉ Allows a clear and accurate **visual control of the pipe connection** without removing the protector thanks to its **see-through material**.
- ☉ Allows pipe cleaning, measuring, and calibrating without removing the protector.
- ☉ Three thread unscrewing.



5" API Buttress
9.78 m
20.80 lb/ft



4" API Buttress
16.10 lb/ft
156 tubing
1611.35 m

Inventory
without handling



PREMIUMPROTECTOR®
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