

# Parker Tracking System (PTS)



The Parker Tracking System (PTS) is a web based service for customers to verify and identify Parker O-ring products by using Radio Frequency Identification (RFID) technology.

Parker has developed a tracking system to strengthen O-ring identification for industries and applications where authenticity, traceability, and security are crucial.

The Parker Tracking System (PTS) uses RFID (Radio Frequency Identification) technology to detect and identify rubber elastomers and seal properties. The use of PTS helps eliminate seal replacement inaccuracies and installation errors. This in turn, increases equipment uptime and decreases maintenance costs.

In addition, PTS provides reporting tools useful in driving quality control and continuous improvement programs. Documentation of the original bill of materials ensures product assembly replacement to exact OEM specifications and compliance with applicable industry and safety standards. This is particularly important for oil and gas, mining, military, aerospace and other regulated industries.

## System Components:

1. **PTS access** - allows users to securely identify and track product they have ordered, received, and installed
2. **RFID tagging** - provides a unique identification code, keeping a permanent record of all pertinent information
3. **Scanners** - read the RFID tags located in the product

## PTS and RFID Benefits:

### Authentication/Secure

- Verifies the seal is a Parker product (not counterfeit)
- Verifies O-ring size
- Verifies rubber material
- Batch history, and physical property information with PTS

### Time Stamp

- Allows users to record when the part was received
- Allows users to record the assembly date

### Installation Verification

- Identifies if the part has been assembled
- Identifies if the correct part has been installed

### After-market

- Void warranties if seals have been replaced with non-Parker product
- Secures after-market business

### Inventory Management

- Identifies how many parts you have in stock
- Identifies where parts are in the process
- Identifies when the product is leaving inventory

## Parker Tracking System (PTS):

- Keeps a paperless record of each seal
- Eliminates the risk of counterfeit seals
- Ensures product accuracy
- 24/7 access
- Identify parts by numerous fields (Batch, Part number, Cure Date, etc.)



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