

OPERATING INSTRUCTIONS



Connector Maintenance:

- A daily, weekly and periodic inspection of the connector by a competent person is recommended. Users must establish a regular interval for maintenance as determined by the user media and operational environment.
- Inspection should include visual checks of the ball sealing area, sleeve, missing or loose components, leak tightness, ease of operation, sufficient lubrication, wear, dirt accumulation and damage.
- Establish a regular interval for lubrication. The media and environment will be determining factors in establishing this interval to prevent dryness and/or corrosion.
- Difficulty of operation after continual use indicates a need for lubrication or other maintenance.
- Use only original **FasTest** spare parts that are designed for the application and are subject to strict quality control. See Warranty.

Safety Warnings – Guidelines:

- If instructions are not completely understood by the operator or components are missing, contact **FasTest** before attempting use of the connector.
- **FasTest CMPT31 RQD Connector is internally valved** and will prevent loss of media when disconnected. Do not attempt to disconnect unless safe conditions are met.
- **FasTest CMPT31 RQD** Connectors must only be used with test pieces of a specific size as indicated by the part number. Improper use could cause separation of the connector from the test piece resulting in physical harm or damage.

FasTest, Inc. Product Warranty

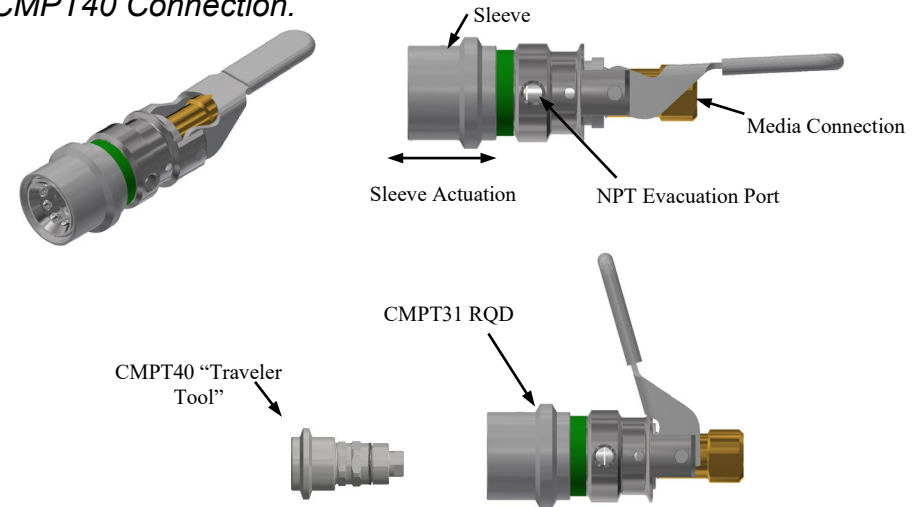
FasTest, Inc. warrants its products against defects of workmanship and/or material for 12 months from the date of the sale by FasTest, Inc. This warranty is void if the product is misused, tampered with or used in a manner that is not in accordance with FasTest, Inc. recommendations and/or instructions. FasTest, Inc. is not liable for consequential or other damages including, but not limited to, loss, damage, personal injury, or any other expense directly or indirectly arising from the use of or inability to use its products either separately or in combination with other products. ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, WHETHER ORAL OR WRITTEN, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

Remedy under this warranty is limited to replacement of the product or an account credit in the amount of the original selling price, at the option on FasTest, Inc. All allegedly defective products must be returned prepaid transportation to

FasTest, Inc. along with information describing the products performance, unless disposition in the field is authorized in writing by FasTest, Inc.

CMPT31 RQD Lever Activated Connector

Description: CMPT31 RQD “Refrigeration Quick Disconnect” for CMPT40 Connection.



CMPT31 RQD Connector provides a reliable leak-tight connection that grips and seals on the CMPT40 Traveler tool. Simply insert male end of fitting and slide sleeve forward, gripping balls will secure fitting.

Please thoroughly read and understand these operating instructions prior to operating the connector. The use of pressurized media for filling and sealing requires a thorough understanding of the **FasTest CMPT31 RQD** Operating Instructions.

- Operation
- Connector Maintenance
- Safety Warnings - Guidelines



CMPT31 RQD
SERIES
PATENT PENDING

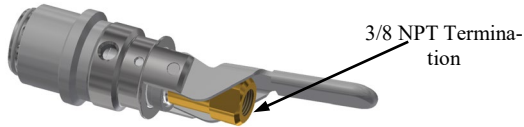
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WP176 Rev B 06/13/2024

OPERATING INSTRUCTIONS



Installation:

Connect hose securely to the NPT Termination of the CMPT31 **RQD** Connector.

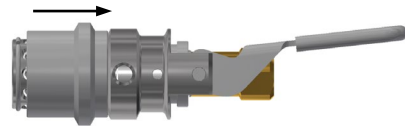


Operation:

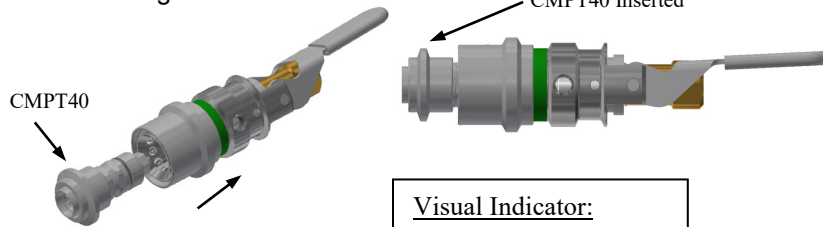
Connecting Action:

1. Retract sleeve and position lever as shown.

Sleeve Retracted Manually



2. Insert test piece and slide sleeve forward collapsing balls around the male fitting.

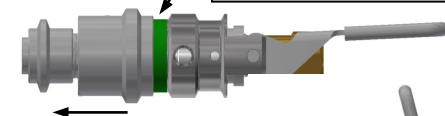


CMPT40 Inserted

CMPT40

Retract Sleeve

Visual Indicator:
Fully Connected When
Color Ring is Exposed.



Sleeve Forward Manually

3. Rotate lever on connector.



Connected, Not
Open Position

Actuated Connected Position
For Processing

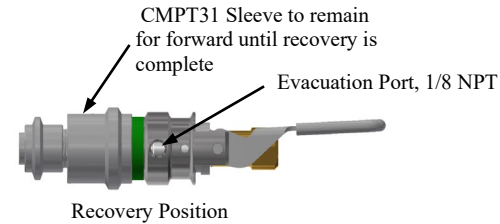
4. CMPT31 **RQD** is now sealed on the CMPT40, and valve is open for flow.

Note: The Sleeve Will
“Lock” Under Pressure
to Prevent Accidental
Disconnect.



Disconnecting Action:

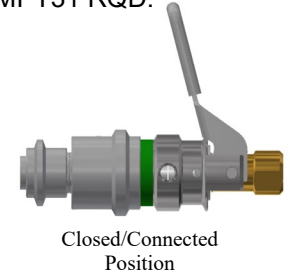
1. Rotate lever from open the closed position. The CMPT40 & CMPT31 internal valves is now closed. At this point the trapped media may be recovered through the evacuation port, prior to removing the CMPT31 RQD.



CMPT31 Sleeve to remain
for forward until recovery is
complete

Evacuation Port, 1/8 NPT

Recovery Position



Closed/Connected
Position

2. Once the media has been evacuated through the evacuation port, slide sleeve away from male fitting. The Green Visual Indicator will be covered by sleeve.



Sleeve Retracted

3. Remove the CMPT31 from the CMPT40 (Traveler Connector).



CMPT40

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CMPT31 RQD
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