



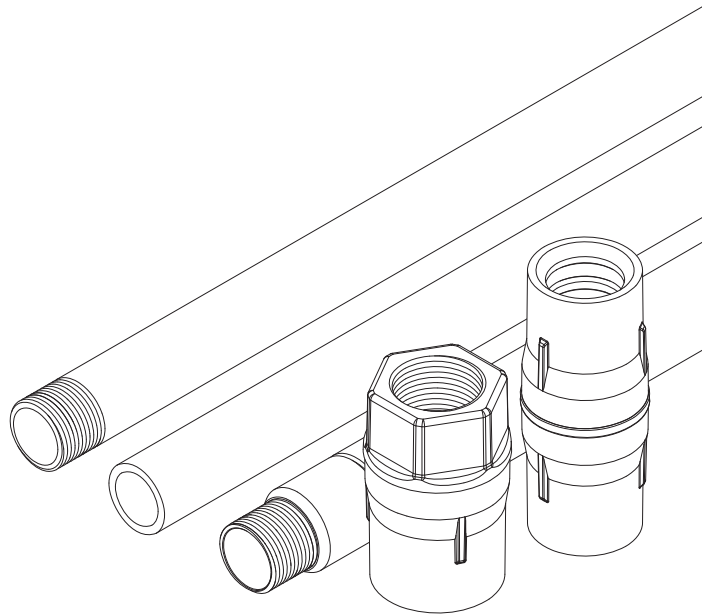
Franklin Electric
FUELING SYSTEMS

UL CABLETIGHT™ WIRE MANAGEMENT SYSTEM

INSTALL GUIDE

408170001 r7

UL CableTight™



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CONVENTIONS USED IN THIS DOCUMENT

This document includes safety precautions and other important information presented in the following format:

NOTE: This provides helpful supplementary information.

IMPORTANT: This provides important supplementary information and instructions to avoid damaging hardware or a potential hazard.

▲ CAUTION: This indicates a potentially hazardous situation that could result in minor or moderate injury if not avoided. This may also be used to alert against unsafe practices.

▲ WARNING: This indicates a potentially hazardous situation that could result in severe injury or death if not avoided.

▲ DANGER: This indicates an imminently hazardous situation that will result in death if not avoided.

OPERATING PRECAUTIONS

Franklin Electric equipment is designed to be installed in areas where volatile liquids such as gasoline and diesel fuel are present. Working in such a hazardous environment presents a risk of severe injury or death if you do not follow standard industry practices and the instructions in this document. Before working with or installing the equipment covered in this document, or any related equipment, read this entire document, particularly the following precautions:

IMPORTANT: To help prevent spillage from an underground storage tank, make sure the delivery equipment is well-maintained, that there is a proper connection, and that the fill adaptor is tight. Delivery personnel should inspect delivery elbows and hoses for damage and missing parts.

▲ CAUTION: Use only original Franklin Electric parts. Substituting non-Franklin Electric parts could cause the device to fail, which could create a hazardous condition and/or harm the environment.

▲ WARNING: Follow all codes that govern the installation and service of this product and the entire system. Always lock out and tag electrical circuit breakers while installing or servicing this equipment and related equipment. A potentially lethal electrical shock hazard and the possibility of an explosion or fire from a spark can result if the electrical circuit breakers are accidentally turned on while installing or servicing this product. Refer to this document (and documentation for related equipment) for complete installation and safety information.

▲ WARNING: Before entering a containment sump, check for the presence of hydrocarbon vapors. Inhaling these vapors may cause dizziness / unconsciousness, and if ignited, can explode causing serious injury or death. Containment sumps are designed to trap hazardous liquid spills and prevent environmental contamination, so they can accumulate dangerous amounts of hydrocarbon vapors. Check the atmosphere in the sump regularly while work is in process. If vapors reach unsafe levels, exit the sump and ventilate it with fresh air before resuming work. Always have another person standing by for assistance.

▲ WARNING: Follow all federal, state, and local laws governing the installation of this product and its associated systems. When no other regulations apply, follow NFPA codes 30, 30A, and 70 from the National Fire Protection Association. Failure to follow these codes could result in severe injury, death, serious property damage, and/or environmental contamination.

▲ WARNING: Always secure the work area from moving vehicles. The equipment in this document is usually mounted underground, so reduced visibility puts service personnel working on it in danger from moving vehicles that enter the work area. To help prevent this safety hazard, secure the area by using a service truck or other vehicle to block access to the work area.

▲ DANGER: Inspect the installation location for potential ignition sources such as flames, sparks, radio waves, ionizing radiation, and ultrasound sonic waves. If any potential ignition sources are identified, implement proper safety measures.

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1 Introduction

The CableTight™ wire management system provides a true watertight end-to-end solution for electrical, sensor, and data wire management. With the safe and easy press-fit coupler installation process, the HDPE-constructed electrical conduit, entry seals, and sumps are joined together to form one seamless system.

1.1 Documentation

- This document is intended for qualified and certified installation persons.
- Instructions of this document are in English. All other language versions are translations of this original document.
- Illustrations in this document show a typical setup and are for instruction and description purposes only.
- Information given in this document is given as a guide only. It is the installer's responsibility to ensure that correct and safe procedures are followed at all times.
- This document and related documents are available from Franklin Electric at www.franklinfueling.com.

1.1.1 Symbol Legend



Wear Protective Headwear



Wear Protective Clothing



Wear Protective Gloves



Wear Ear Protection



Wear Respiratory Protection



Refer to Instruction Guide



Ensure Continuous Ventilation



Disconnect main plug from electrical outlet



Disconnect before carrying out maintenance or repair



General Warning



Warning: Electricity



No open flame; Fire, open ignition source and smoking prohibited



Wear Eye Protection



Wear High-Visibility Clothing



Wear Safety Footwear



Wear Mask



Lockout / Tagout Electrical Equipment



Ventilate Before & During Entering



Warning: Industrial vehicles



Warning: Flammable Material

2 Safety/Security

2.1 General Safety Information

- Read, understand, and follow the procedure and safety information in this document.
- Procedures in this document are only to be performed by people qualified and certified to perform them.
- Personnel working on or with energized equipment must be authorized by relevant regulatory bodies to carry out such work and must have the appropriate training. Check with your employer and relevant regulatory body's rules for working with energized equipment.
- Obey all local laws, rules, regulations, and instructions in this document. In case of inconsistency or contradiction between information contained in this document and any laws, rules and regulations, obey the stricter of the two.
- Keep unqualified personnel at a safe distance during installation.
- If it is necessary to remove safety/security devices, immediately reinstall the safety/security devices after completing the work.

2.1.1 Station Owner or Operator

Save this guide for future use, and make sure to provide them to anyone who services this equipment.

2.2 Hazard Assessment

Prior to beginning work and prior to recommencing work after leaving and returning to the worksite, a worksite, *pre-job hazard assessment* must be performed to identify safety and environmental needs. At a minimum, this hazard assessment should:

- Identify possible hazards and risks.
- Identify the safety needs of the job.
- Identify the correct procedures, practices and equipment.
- Eliminate unsafe conditions and actions from the worksite.
- Identify the need for personal protective equipment.
- Inspect equipment before use.
- Confirm sheaths of all cables are secured and undamaged.
- Confirm plugs and connectors are properly connected and serviceable.
- Perform ongoing risk assessment during the project.

2.3 Required Personal Protective Equipment (PPEs)

These PPEs are required during all phases of installation. The protection level of the PPEs must ensure protection from harm for the work, materials, equipment/tools, location, and environment of the work site. PPEs used must also be in accordance with local, state and national regulations, where applicable for their intended use.



Wear Protective Clothing



Wear High-Visibility Clothing



Wear Safety Footwear



Wear Protective Gloves



Wear Protective Headwear



Wear Eye Protection



Wear Ear Protection



Wear Mask



Wear Respiratory Protection

3 Pre-Installation Preparation

3.1 Upon Receipt of Item(s)

- Verify all items are in accordance with the order.
- Check all items for damage.
- If any item shows damage or is not in accordance with the order, inform Franklin Electric *immediately*.
- Remove the packaging material.
 - Follow all local laws, rules and regulations regarding disposal of discarded parts, packaging material or items and any subsequent components.

3.2 Material Handling

3.2.1 Dispensing Reels

Before beginning an installation, make sure there is a contractor-supplied solution for suspending the conduit reel above the ground and for dispensing conduit off the reel. Conduit reel weight, as shipped from factory, is approximately 350 lbs. HDPE conduit metal reel central hub may accept a spindle pin of up to 3¼" diameter.

3.2.2 Grey Conduit Trench Management

- Always position CableTight™ conduit as flat and straight as possible.
- Eliminate dips or sharp directional changes in the conduit.
 - CableTight™ conduit is more flexible than steel, PVC, and other solutions, so it can be dispensed off the reel in a continuous run. The inherent flexibility of CableTight™ makes it more susceptible to vertical and lateral directional changes. *Sharp directional changes may make it more difficult to pull wires while backfilling over the conduit.*
- Conduit memory may occur when taking it off the reel and can be removed by inverting the specific section for a short period of time. If the memory does not resolve, use electrical tape, zip ties, duct tape, or Unistrut® with brackets to secure the conduit with memory to the next conduit in the trench.



3.2.3 Trenching and Backfilling

- If CableTight™ conduit must be positioned over other conduit, make sure additional, adequate backfill is placed between the conduit and other piping.
- Before backfilling, blow out or pull a mouse through each run to make sure there is clean passage from one end of the trench to the other. An endoscope may also be used.

Backfill Requirements

- Rounded Stone: #8 (2.4 mm) to ¾" (19.1 mm)
- Crushed Rock: #8 (2.4 mm) to ½" (12.7 mm)

3.3 Required Install Parts, Tools & Equipment

3.3.1 Parts

TABLE 3.1

Item	3/4" Model P/N	1" Model P/N
Entry seal, flat surface	REB-C-0075	REB-C-0100
Entry seal, round surface	REB-C-R-0075	REB-C-R-0100
Flexible conduit, 1,000' coil	000-075-1000-EC	000-100-1000-EC
Flexible conduit, 1,500' coil	000-075-1500-EC	N/A
Mechanical Connector NPTxCoupler	000-075-NPT-U	000-100-NPT-U
Mechanical Connector Coupler	000-075-COUP-U	000-100-COUP-U
Conduit Plugs	000-075-PLUG	000-100-PLUG
Seal off	Locally Sourced	<i>Locally Sourced</i>

3.3.2 Tools & Equipment

TABLE 3.2

Item	Part Number
Reed Deburring Tool (<i>optional</i>)	04657 or 04657R (<i>Locally Sourced</i>)
Conduit clamps (for use with Unistrut®)	<i>Locally Sourced</i>
Ratchet cutter	
Teflon tape	
Drill	
Hole saw – 2.75" (70 mm)	
Torpedo level with magnet	
Fire extinguisher	
Tape measure	
Sandpaper or a sanding block (100–150 grit)	
Assorted tools (wrenches, pliers, channel locks, screwdrivers)	

3.4 Required Testing Parts, Tools & Equipment

TABLE 3.3

Item	Part Number
¾" and 1" NPT caps	Locally Sourced
¾" and 1" Coupler	
Nitrogen tank with regulator (retrofits or hot works)	
Compressed air tank with regulator (new installs)	
Pressure gauge (0–50 PSI)	
Tubing (appropriate length for connections)	
Tubing adaptor	
Spray bottle with soapy water	

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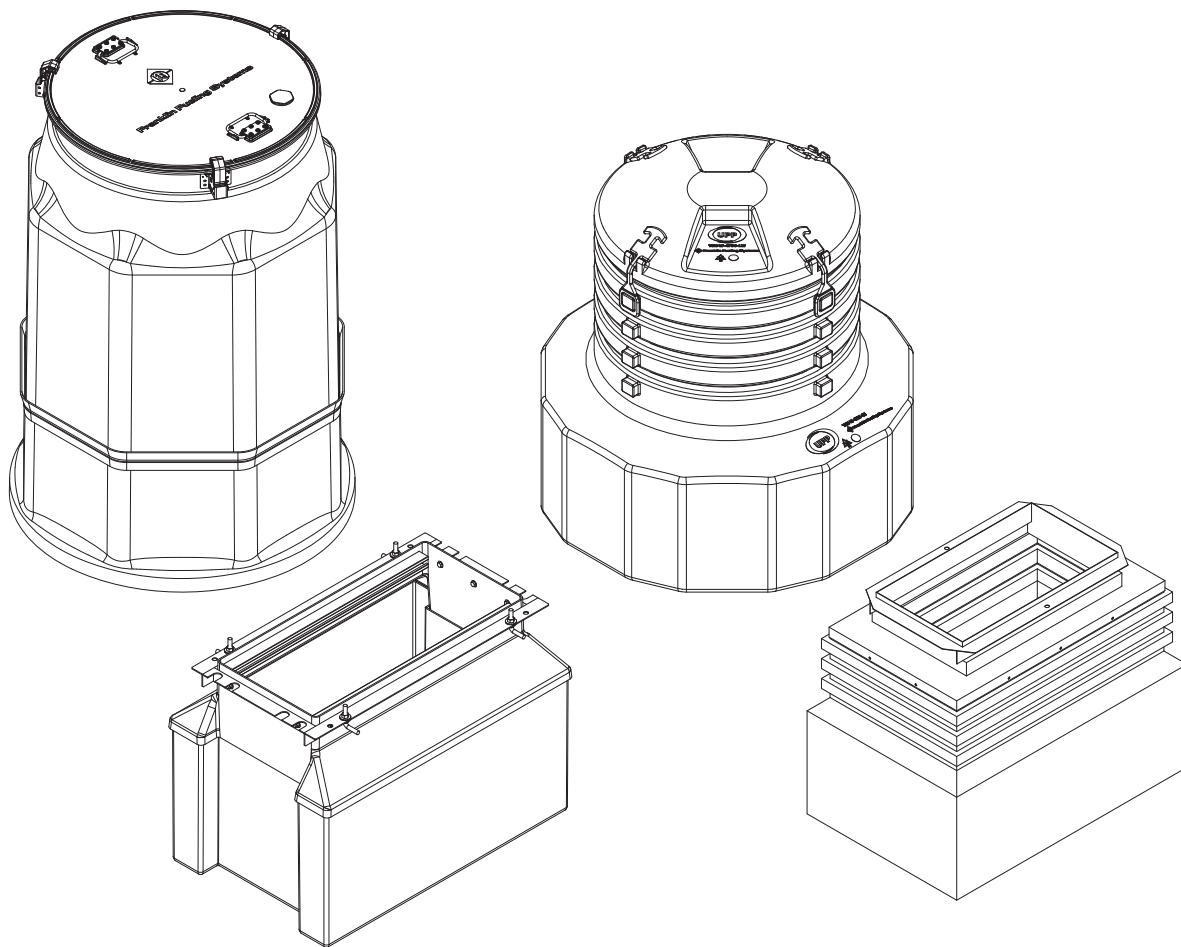
Installing CableTight®



⚠ WARNING: Read, understand, and follow information in § 2 and § 3 before beginning any installation process.

NOTE:

- When the installation is complete, make sure this guide is left with the service station owner or operator.
- The size, position, and number of holes to be made in the sump will vary depending on the individual site and installation requirements.
- The following procedures show conduit being installed in a tank sump, but the procedure is *equally applicable to a dispenser sump*.



4.1 Install Instructions

▲ WARNING: See § 2.3 for information about PPEs.

- Wearing cut-resistant gloves is required when using a saw or using cutting tool.
- Wear a respirator when cutting/sanding a fiberglass sump.

▲ CAUTION: See § 2.3 for information about PPEs.

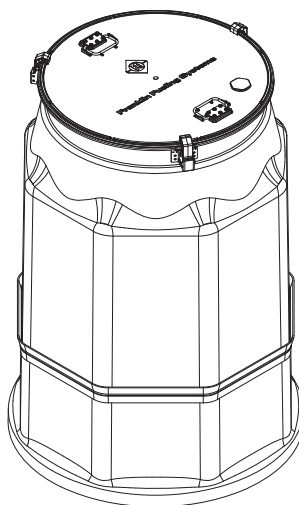
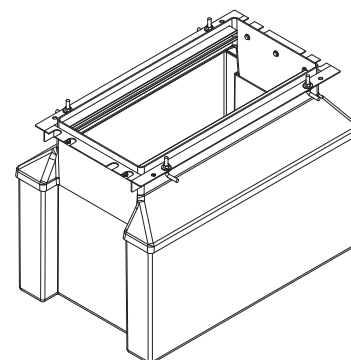
- Wear nitrile gloves when using acetone, and refer to the MSDS for acetone for additional safety information.

IMPORTANT: Pipe thread sealant is required at all NPT joints.

4.1.1 Preparing Entry Seal Hole(s) - Fiberglass Sump(s)

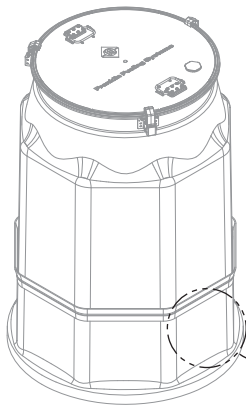
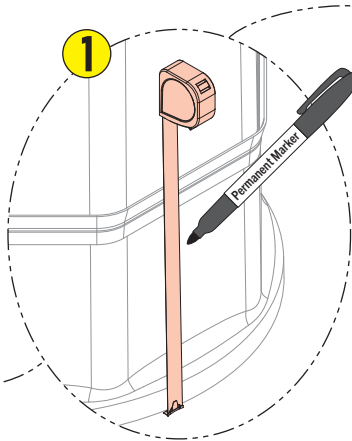
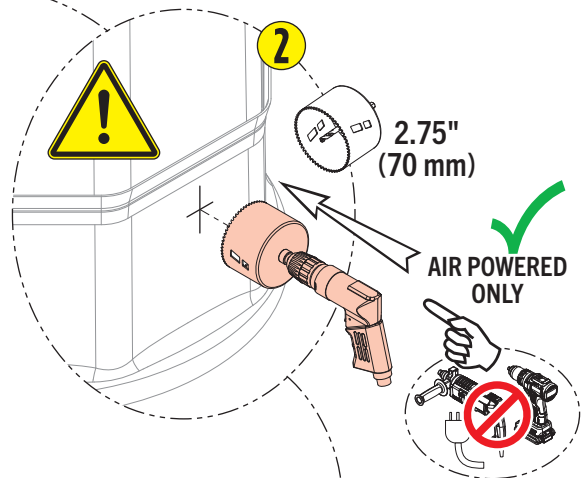
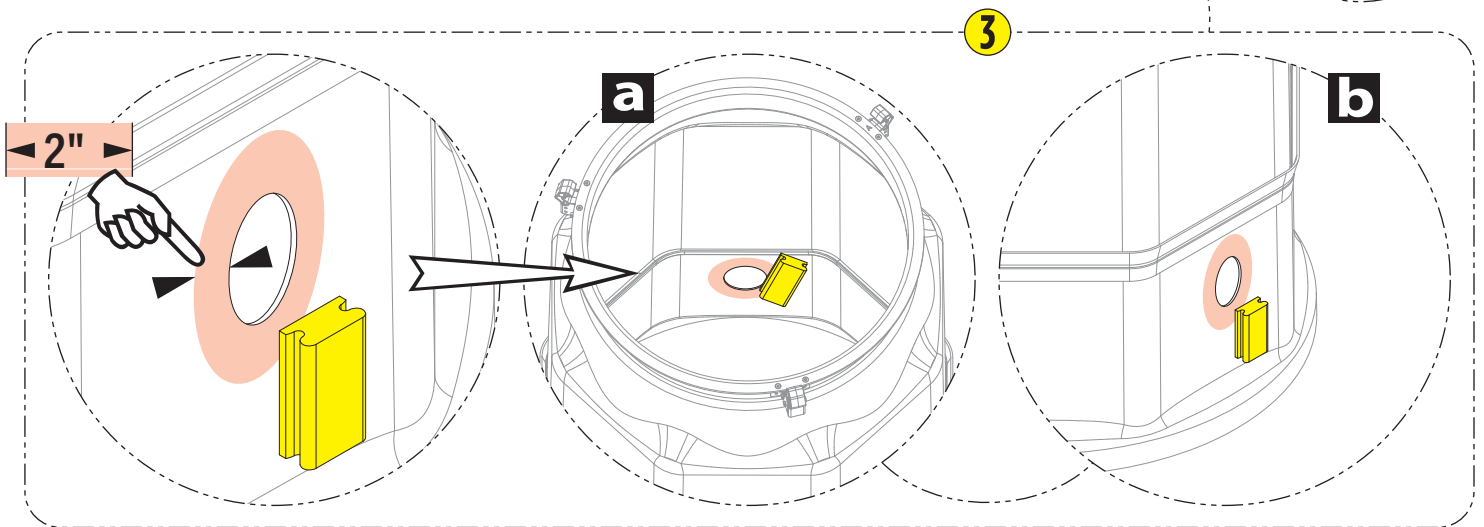
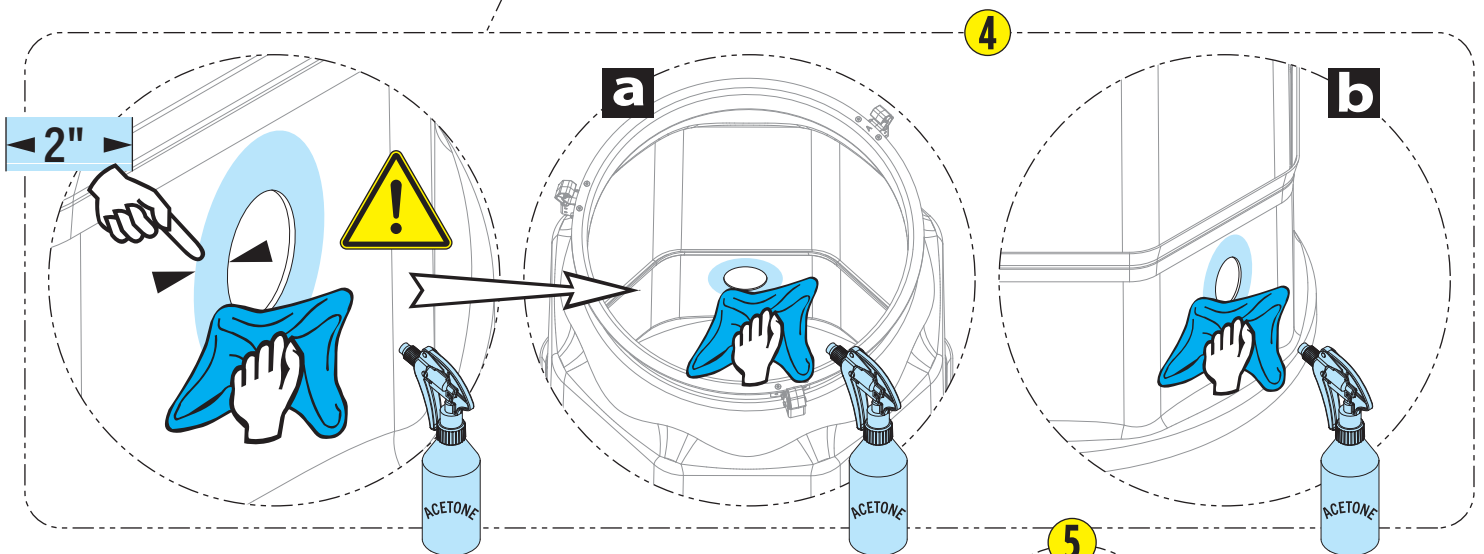
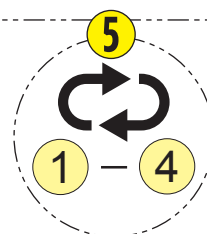
IMPORTANT:

- Make sure the holes cut in the sump are above the level of any liquid that has accumulated in the sump.
- To help avoid leaking and failing hydro tests, do not use a hole saw larger than 2.75" (70 mm). If a 2.75" (70 mm) hole saw is not available, use a smaller hole saw and file to create a 2.75" (70 mm) diameter hole.



NOTE: See § 6.1 for related documents with additional installation information.

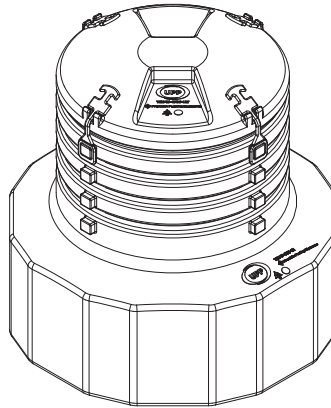
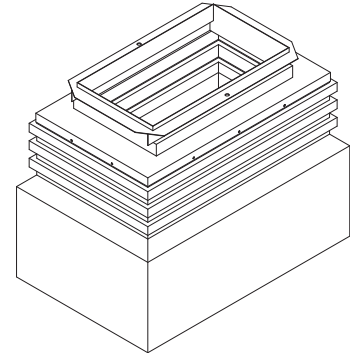
1. Measure and mark the location for the hole in the sump.
2. Use a drill (air powered only) with a 2.75" (70 mm) hole saw attachment to cut an entry hole at the location marked on the sump.
3. Use sandpaper or a sanding block to sand an area approximately 2" (51 mm) around the hole (both inside and outside the sump).
4. Use acetone and lint-free rags to clean in and around the hole (both inside and outside the sump).
5. Repeat steps 1 to 4 as many times as necessary to prepare the required number of entry seal holes.



4.1.2 Preparing Entry Seal Hole(s) - Polyethylene Sump(s)

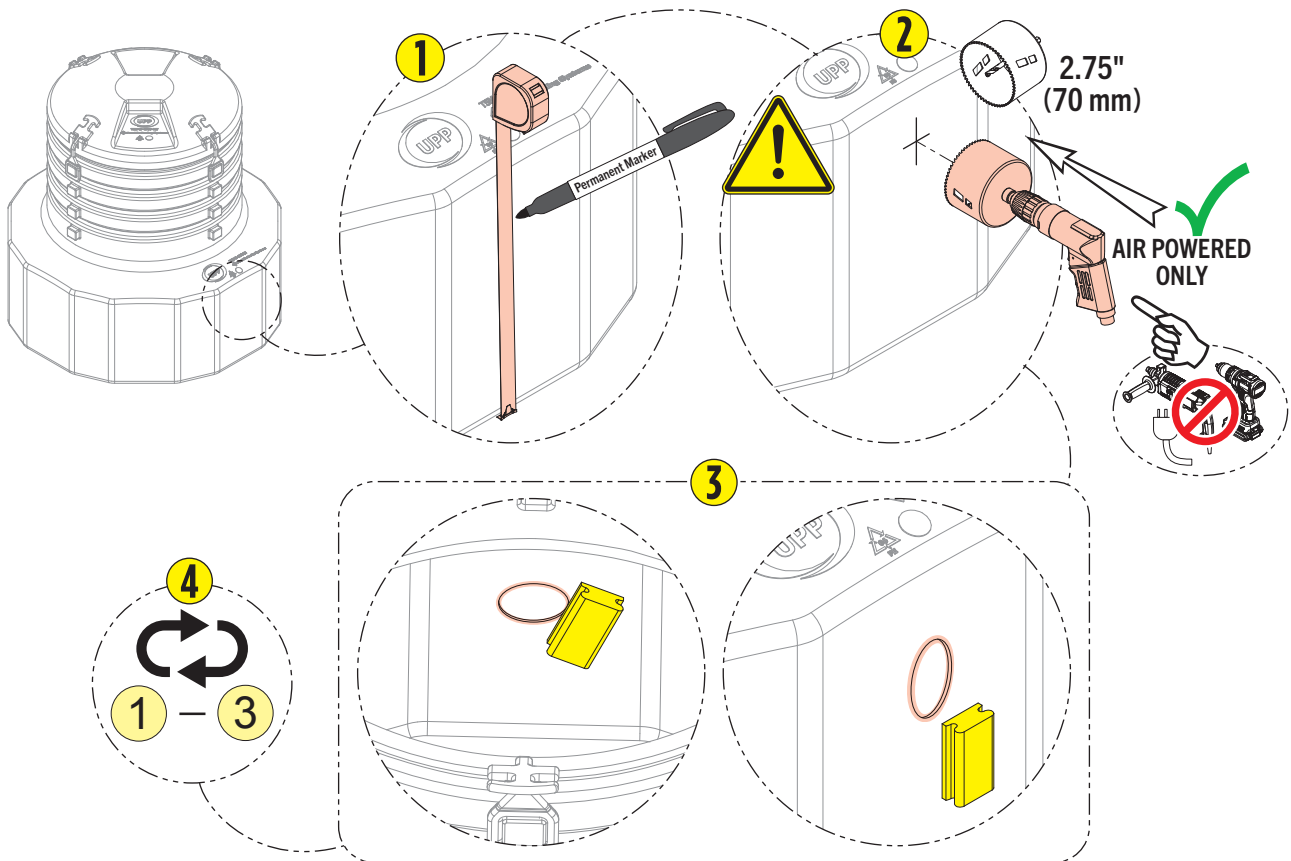
IMPORTANT:

- Make sure the holes cut in the sump are above the level of any liquid that has accumulated in the sump.
- To help avoid leaking and failing hydro tests, do not use a hole saw larger than 2.75" (70 mm). If a 2.75" (70 mm) hole saw is not available, use a smaller hole saw and file to create a 2.75" (70 mm) diameter hole.



NOTE: See §6.1 for related documents with additional installation information.

1. Measure and mark the location for the hole in the sump.
2. Use a drill (air powered only) with a 2.75" (70 mm) hole saw attachment to cut an entry hole at the location marked on the sump.
3. Use sandpaper or a sanding block remove any burrs or rough edges.
4. Repeat steps 1 and 2 as many times as necessary to prepare the required number of entry seal holes.



4.1.3 Installing Entry Seal(s)

IMPORTANT:

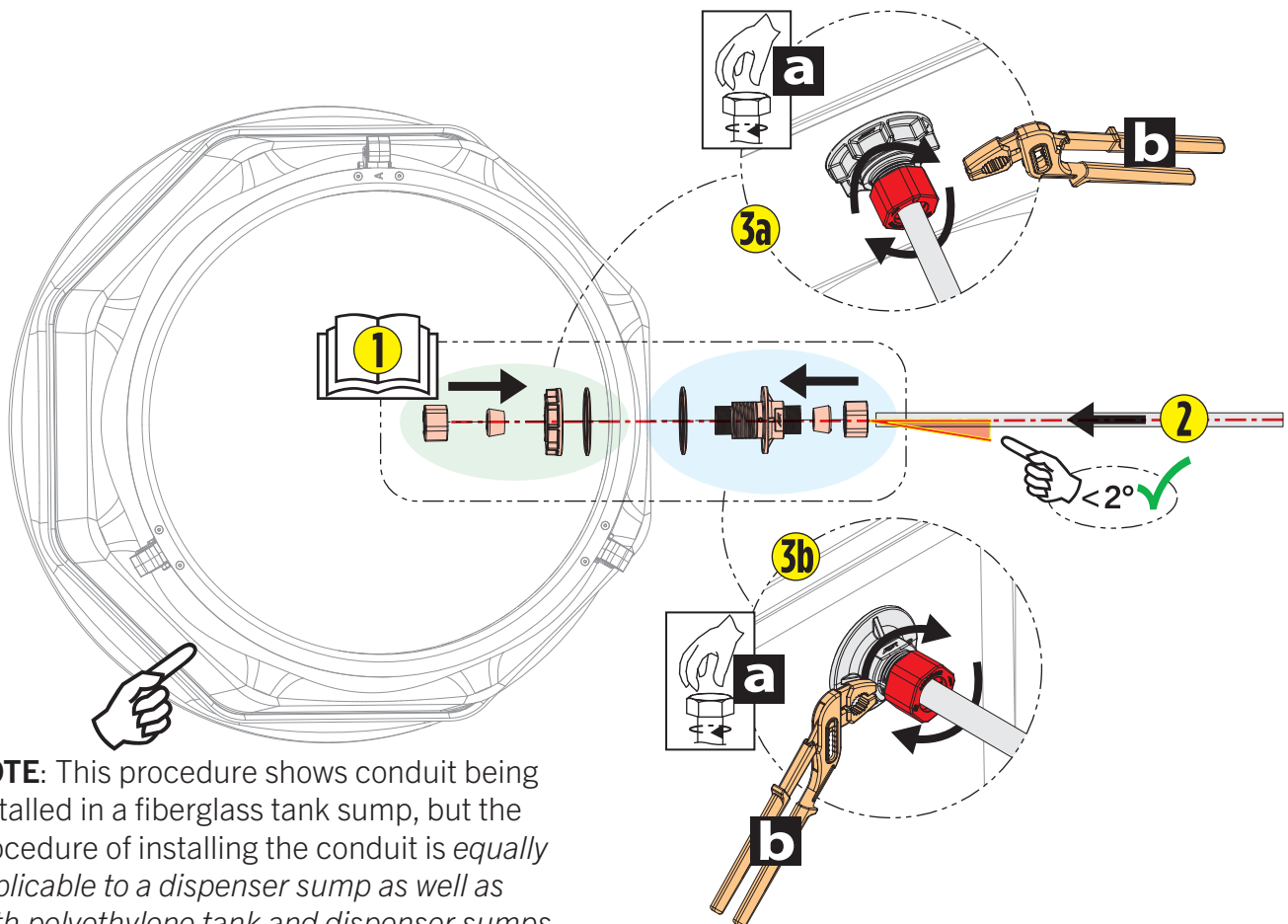
- Refer to document, p/n 771-125-00, Conduit Rigid Entry Boots Installation Instructions for information about installing entry seals. This manual refers to the entry seal as a “Conduit Rigid Entry Boot.”
- The *fiberglass* entry seal has options to install it in sumps with either curved or flat walls. *Make sure to check which kind of installation is to be used and obtain the correct parts.*
- If an extension needs to be added to the rigid metal conduit (RMC) in the trench, make sure to apply a marine-grade, adhesive sealant to the coupler and the threads that join the two pieces of conduit.

NOTE: Installations typically require at least one piece of straight RMC to be installed.

1. Install the entry seal per the instructions for the sump material being used in document, p/n 771-125-00, Conduit Rigid Entry Boots Installation Instructions.
2. Insert the straight RMC through the entry seal the required distance.

IMPORTANT: The angle of the conduit entering the fitting *must be less than 2° off the entry fitting center line.*

3. Hand tighten (a) the inner and outer clamping nuts, and then use a wrench (b) to tighten the clamping nuts an additional quarter turn.



NOTE: This procedure shows conduit being installed in a fiberglass tank sump, but the procedure of installing the conduit is *equally applicable to a dispenser sump as well as both polyethylene tank and dispenser sumps.*

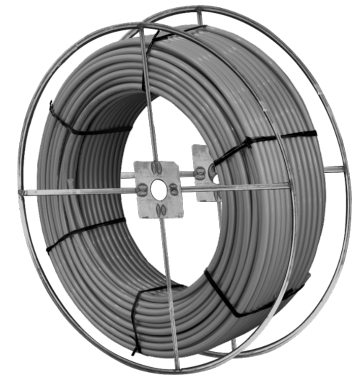
4.1.4 Conduit Connections External to Sump

IMPORTANT:

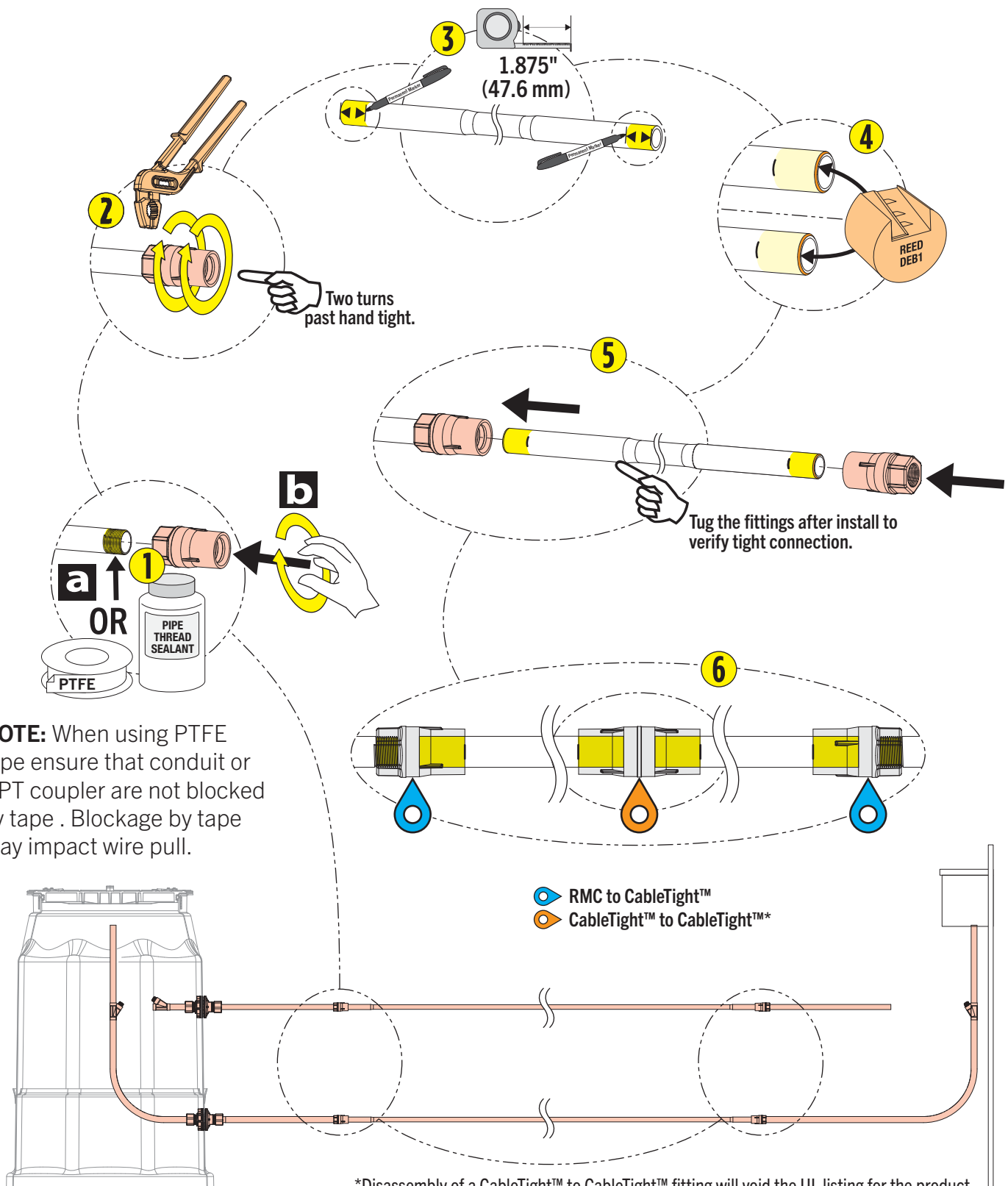
- Make sure all conduit is cut square (always use a ratchet cutter, *never* a saw).
- If an extension needs to be added to the rigid metal conduit in the trench, make sure to apply a marine-grade, adhesive sealant to the coupler and the threads that join the two pieces of conduit.
- CableTight™ piping must be installed in all fittings straight, without any bend (memory) from being coiled on the dispensing reel. The pipe memory may be removed by manually flexing the pipe in the opposite direction of the bend (heat may be applied to help this process).

NOTE:

- The effective bend radius for ¾" or 1" conduit is:
 - ¾" = 19.1 mm = 380 mm (15") radius
 - 1" = 25.4 mm = 500 mm (20") radius
- Dispensing Reel (see §3.2.1)
 - Mount reel safely and securely to allow conduit to be easily pulled from reel.
- Cutting straps/ tape
 - Cut only the outermost tape/strapping until all of the outer conduit has been dispensed.
 - Continue gradually cutting away tape as the conduit installation progresses through the conduit remaining on the reel.
- Utilize two people to dispense conduit.
 - One person manages reel as conduit is dispensed
 - Other person pulls conduit into trench



NOTE: This procedure shows conduit connections external to the sump being made and is the same process regardless of sump type (tank/dispenser) or sump composition (fiberglass/polyethylene).



*Disassembly of a CableTight™ to CableTight™ fitting will void the UL listing for the product. If the fitting is disassemble, it should be replaced with a NEW FACTORY ASSEMBLED fitting.

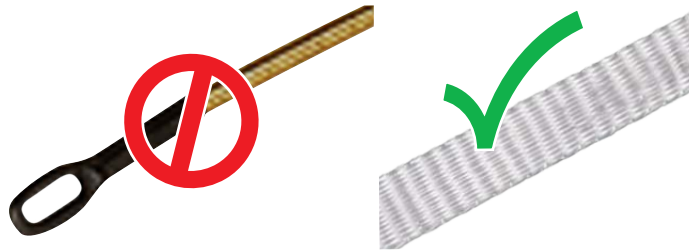
4.1.5 Pulling Wire (Best Practices & Techniques)

IMPORTANT: DO NOT use solid metallic fish tape inside Cable Tight™ flexible conduit. *This type of tool can cause damage to the interior of the polyethylene flexible conduit and void your warranty.*



NOTE: To avoid difficulty in pulling wire through CableTight™ flexible conduit, ensure these practices and techniques are utilized:

- Proper diameter pull tape is being used. Acceptable pull tape diameter should be ½" (13 mm) or less (or about 70% of the inner diameter of the conduit).



- Conduit is laying flat in the trench.
 - Eliminate any dips or sharp rises in the flexible conduit.
 - Use additional backfill to create a flat surface if the conduit is laid above other pipework.



Process

1. Use a shop vacuum or air compressor to blow or push the mouse through the conduit using nylon rope.
2. Tie mule tape to the nylon rope, and then pull the mule tape back through the conduit where the nylon rope was.
3. Attach wires to be pulled in a stepped fashion, not bunched together, to lead the wires into the conduit.



NOTE: See §5 Troubleshooting, if difficulty pulling wire or dispensing CableTight™ flexible conduit is experienced.

- §5.2.2 for Difficulty Pulling Wire
- §5.2.3 for Difficulty Dispensing Conduit.

5

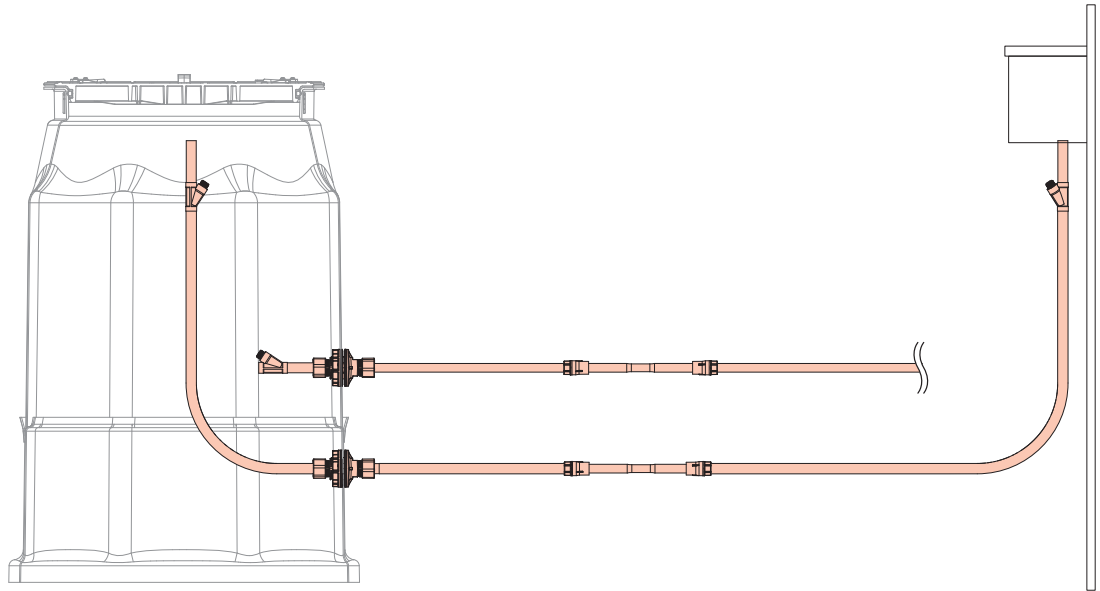
Testing and Troubleshooting

IMPORTANT: Pipe thread sealant is required at all NPT joints.

NOTE: See §3.4 for required testing parts, tools & equipment.

5.1 Testing The Conduit

1. Install NPT caps directly onto the far ends of the rigid metal conduit. NPT caps may also be installed directly into EYS fittings.
2. At the testing end of the conduit run, attach a nipple and the tubing adaptor to the conduit section being tested.



3. Install the testing rig at the trough end. This allows for connection of multiple conduits in one test.
4. Slowly open the regulator valve until pressure reaches 5.0 PSI (.34 bar).
5. Prepare a solution of mild detergent and water, and apply small amounts of it to the coupler in the conduit run you are testing. Watch for bubbles where the coupler makes contact with the conduit.
6. Maintain pressure on the line for 10 minutes. If the length of the conduit run exceeds 328' (100 m), extend the testing time an additional 10 minutes for each additional 328' (100 m).

5.2 Troubleshooting

5.2.1 General

- Franklin Electric does not recommend taking the fittings apart.
- If fittings don't stay connected to the conduit, verify that the conduit is inserted a minimum of 1 7/8" into the fitting. If there is still an issue after verifying the insertion depth with the fitting holding the conduit is adequate, then there is an issue with the fitting (contact Franklin Electric Customer Support).

5.2.2 Difficulty Pulling Wire

Cause(s)

- Kinked conduit.
- Not allowing conduit to relax to fully remove coil memory.
- Poor conduit placement in trench with “snaking”, abrupt rises/falls, and/or sharp turns present.

Resolution & Prevention

- Inspect the entire length of the conduit in the trench before backfilling and installing concrete.
- Straighten sharp turns, rises and/or falls in conduit by using zip ties, electrical tape, or other securing methods to hold conduit straight (removing sharp bends).
- Allows coil memory to relax.
- Verify no obstructions exist by passing pull tape mouse through conduit
 - If the blockage persists, blow the pull tape mouse from both ends to identify the welded joint that may be causing the blockage. Cut the flexible conduit 1" past the area previously cut, and replace press-fit coupler.
 - If the blockage persists, contact Franklin Electric Technical Service at +1 800 984 6266.
- Review §3.2 if recurring difficulty pulling wire through CableTight™ flexible conduit is experienced.

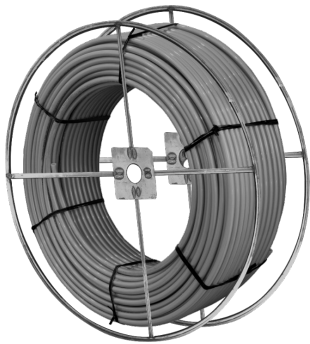
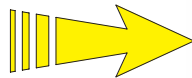
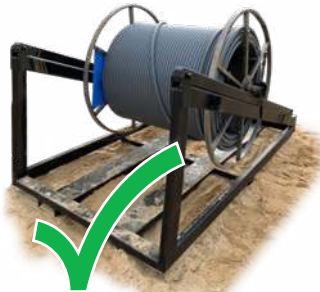
5.2.3 Difficulty Dispensing Conduit

Cause(s)

- Prematurely cutting away all strapping on the coiled conduit.

Resolution & Prevention

- Reapply tape to the conduit on the reel to retain coiling of inner conduit.
- Follow instructions for properly cutting away tape/strapping:
 - Cut only the outermost tape/strapping until all of the outer conduit has been dispensed.
 - Continue gradually cutting away tape as the conduit installation progresses through the conduit remaining on the reel.
- Utilize two people to dispense conduit.
 - One person manages reel as conduit is dispensed
 - Other person pulls conduit into trench
- Review §3.2 if recurring difficulty dispensing CableTight™ flexible conduit is experienced.



6 Appendix

6.1 Related Documents

Documentation can be found online at www.franklinfueling.com.

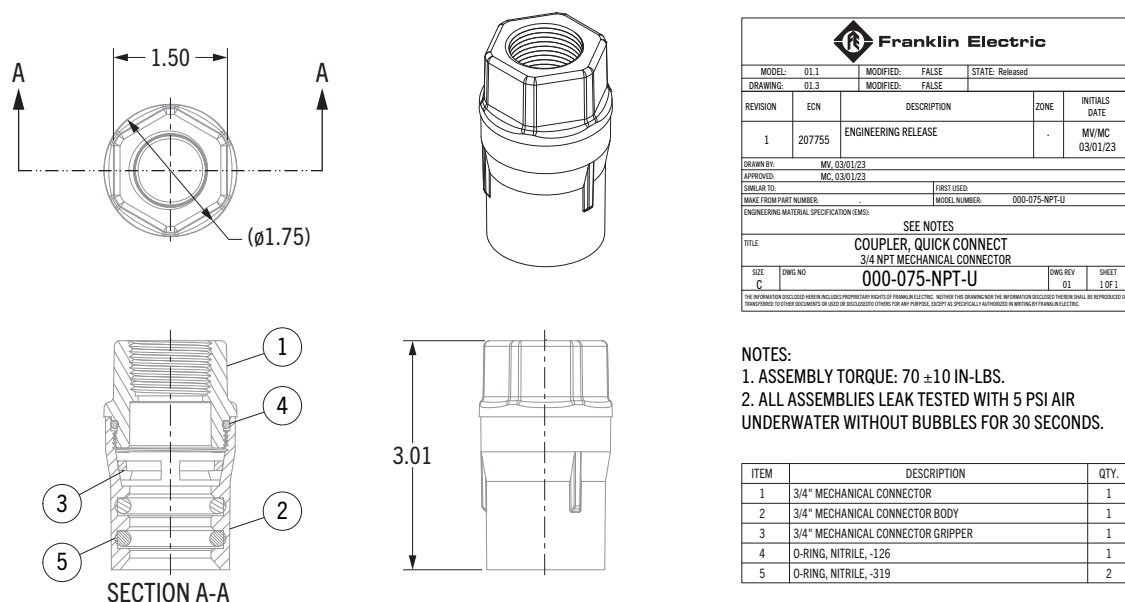
TABLE 6.1 – Related Documents

Part Number	Description
771-125-00	Conduit Rigid Entry Boots Installation Instructions
771-244-00	Single and Double Wall Rigid Entry Boots Install Guide

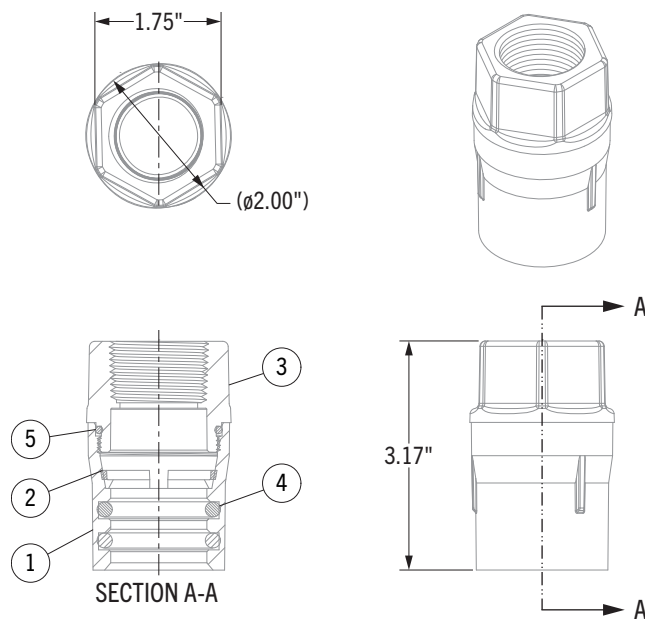
6.2 Technical Drawings

6.2.1 Mechanical Connector NPTxCouplers

6.2.1.1 000-075-NPT-U



6.2.1.2 000-100-NPT-U



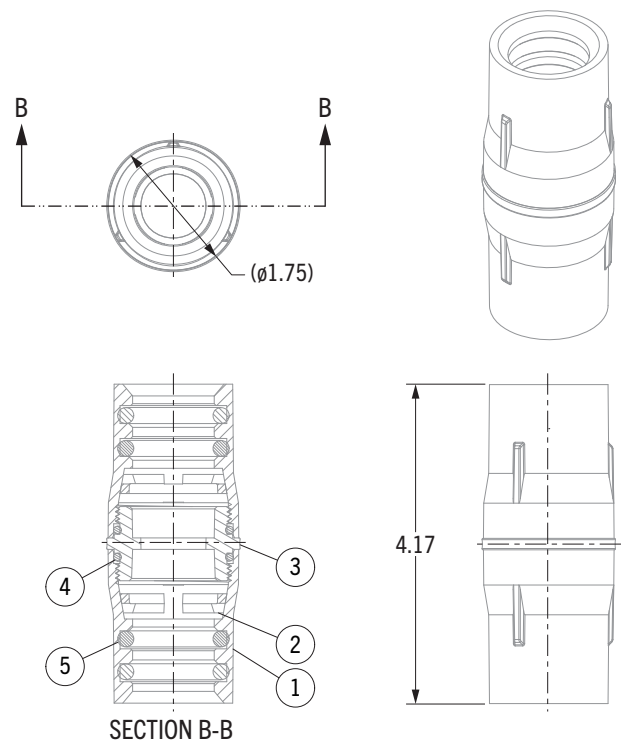
Franklin Electric					
MODEL:	01.2	MODIFIED:	FALSE	STATE:	Released
DRAWING:	01.4	MODIFIED:	FALSE		
REVISION	ECN	DESCRIPTION	ZONE	INITIALS	DATE
1	207755	ENGINEERING RELEASE		MV/MC	03/01/23
DRAWN BY: MV, 03/01/23					
APPROVED: MC, 03/01/23					
SIMILAR TO:					
MAKE FROM PART NUMBER:					
ENGINEERING MATERIAL SPECIFICATION (EMS):					
SEE NOTES					
TITLE					
COUPLER, QUICK CONNECT					
1 INCH NPT MECHANICAL CONNECTOR					
000-100-NPT-U					
SIZE	C	OWS NO	000-100-NPT-U	OWS REV	01
				SHEET	1 OF 1
THE INFORMATION DISCLOSED HEREIN IS UNCLASSIFIED AND IS NOT A TRADE SECRET OF FRANKLIN ELECTRIC. NOTWITHSTANDING THE INFORMATION DISCLOSED HEREIN, FRANKLIN ELECTRIC SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING BY FRANKLIN ELECTRIC.					

NOTES:
1. ASSEMBLY TORQUE: 70 ±10 IN-LBS.
2. ALL ASSEMBLIES LEAK TESTED WITH 5 PSI AIR UNDERWATER WITHOUT BUBBLES FOR 30 SECONDS.

ITEM	DESCRIPTION	QTY.
1	1" MECHANICAL CONNECTOR BODY	1
2	1" MECHANICAL CONNECTOR GRIPPER	1
3	1" MECHANICAL CONNECTOR NPT JOINER	1
4	O-RING, NITRILE, -323	2
5	SEAL, STATIC, O-RING, NITRILE, -126	1

6.2.2 Mechanical Connector Couplers

6.2.2.1 000-075-COUP-U

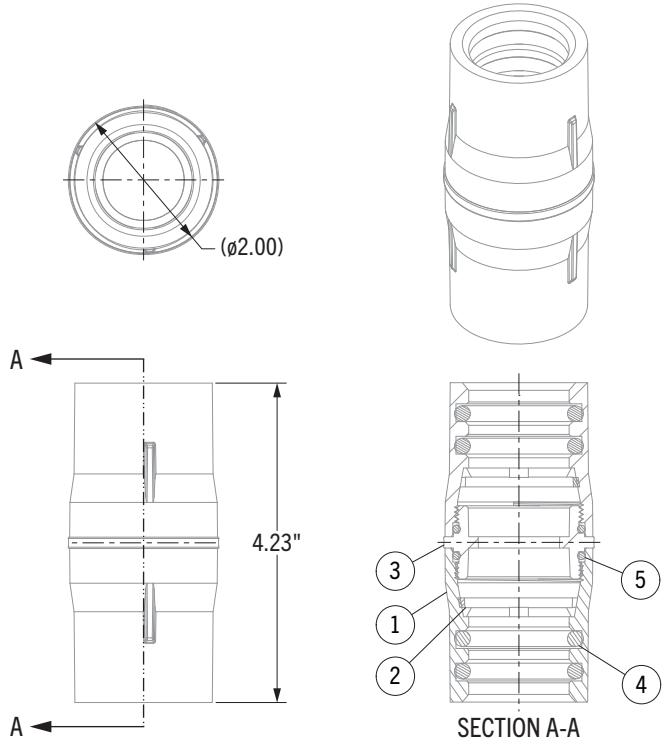


Franklin Electric					
MODEL:	01.1	MODIFIED:	FALSE	STATE:	Released
DRAWING:	01.3	MODIFIED:	FALSE		
REVISION	ECN	DESCRIPTION	ZONE	INITIALS	DATE
1	207755	ENGINEERING RELEASE		MV/MC	03/01/23
DRAWN BY: MV, 03/01/23					
APPROVED: MC, 03/01/23					
SIMILAR TO:					
MAKE FROM PART NUMBER:					
ENGINEERING MATERIAL SPECIFICATION (EMS):					
SEE NOTES					
TITLE					
COUPLER, QUICK CONNECT					
3/4 DOUBLE ENDED					
000-075-COUP-U					
SIZE	C	OWS NO	000-075-COUP-U	OWS REV	01
				SHEET	1 OF 1
THE INFORMATION DISCLOSED HEREIN IS UNCLASSIFIED AND IS NOT A TRADE SECRET OF FRANKLIN ELECTRIC. NOTWITHSTANDING THE INFORMATION DISCLOSED HEREIN, FRANKLIN ELECTRIC SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING BY FRANKLIN ELECTRIC.					

NOTES:
1. ASSEMBLY TORQUE: 70 ±10 IN-LBS.
2. ALL ASSEMBLIES LEAK TESTED WITH 5 PSI AIR UNDERWATER WITHOUT BUBBLES FOR 30 SECONDS.

ITEM	DESCRIPTION	QTY.
1	3/4" MECHANICAL CONNECTOR BODY	2
2	3/4" MECHANICAL CONNECTOR GRIPPER	2
3	3/4" MECHANICAL CONNECTOR JOINER	1
4	O-RING, NITRILE, -126	2
5	O-RING, NITRILE, -319	4

6.2.2.2 000-100-COUP-U



 Franklin Electric				
MODEL: 01.2		MODIFIED: FALSE		STATE: Released
DRAWING: 01.4		MODIFIED: FALSE		
REVISION	ECN	DESCRIPTION		ZONE
INITIALS DATE				
1	207755	ENGINEERING RELEASE		-
				MV/MC 03/01/23
DRAWN BY: MV, 03/01/23				
APPROVED: MC, 03/01/23				
SIMILAR TO:		FIRST USED:		
MAKE FROM PART NUMBER:		MODEL NUMBER: 000-100-COUP-U		
ENGINEERING MATERIAL SPECIFICATION (EMS):				
SEE NOTES				
TITLE: COUPLER, QUICK CONNECT 1 INCH DOUBLE ENDED				
SIZE	DWG NO	000-100-COUP-U		DWG REV
C				01 1 OF 1
THE INFORMATION DISCLOSED HEREIN INCLUDES PROPRIETARY PARTS OF FRANKLIN ELECTRIC. NEITHER THIS DRAWING NOR THE INFORMATION DISCLOSED THEREIN SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING OF FRANKLIN ELECTRIC.				

- NOTES:
- 1. ASSEMBLY TORQUE: 70 ±10 IN-LBS.
 - 2. ALL ASSEMBLIES LEAK TESTED WITH 5 PSI AIR UNDERWATER WITHOUT BUBBLES FOR 30 SECONDS.

ITEM	DESCRIPTION	QTY.
1	1" MECHANICAL CONNECTOR BODY	2
2	1" MECHANICAL CONNECTOR GRIPPER	2
3	1" MECHANICAL CONNECTOR JOINER	1
4	O-RING, NITRILE, -323	4
5	SEAL, STATIC, O-RING, -126	2

6.3 Glossary

- REBRigid Entry Boot
- RDEB.....Rigid Ducted Entry Boot

6.4 Notes



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