

BID REJECTION FORM

Bid number: 50-123639

Vendor Name: FERGUSON ENT DBA LA. UTILITIES SUPPLY CO.

Reasons for

Rejection: PERSON ON CORPORATE RESOLUTION DID NOT SIGN THE BID.

REVIEWED BY:

Buyer Name: Donna Reamey

Date: 8/17/2018

Chief Buyer: 

Date: 



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Central Bidding Time: Tue August 14, 2018 2:05:31 PM GMT-6

Place a Bid for 5000123639 A SUPPLY OF BRONZE FITTINGS FOR JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - ONE (1) YEAR CONTRACT

Please enter your best bid proposal for this project

Louisiana Contractor ID#

Enter all information required on the outside of the sealed envelope in the box below

<input type="text"/>	<input type="text"/>
FERGUSON ENT DBA LOUISIANA UTILITIES SUPPLY CO 901 S LABARRE RD SUITE 206 METAIRIE, LA 70001 50000123639	

Bid Bond #

Jefferson Parish Vendor #:

Upload Attachment(s)

While this site accepts various file types, sizes and quantities, the preferred method for delivering all of the appropriate and required bid documents is one single scanned PDF file. Vendors submitting bids with multiple uploaded images/photos of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, the bidder's submission will be rejected. Please note all requirements in this bid package for electronic bid submission.

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Central Auction House, LTD



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Central Bidding Time: Tue August 14, 2018 2:05:09 PM GMT-6

Location: **METAIRIE > Louisiana > USA**

Name: **CATHY MCCARTHY**

Email: **CATHY.MCCARTHY@FERGUSON.COM**

Address: **901 S LABARRE ROAD**

Zip code: **70001**

Contact number: **5048341106**

Official Company/Business Name: **FERGUSON ENT DBA LOUISIANA UTILITIES SUPPLY CO**

Is your company/organization registered as a Disadvantaged Business Enterprise (DBE)?: **No**

Is your company owned by a female?: **No**

Is your company owned by a minority?: **No**

Contractor's License Number/Certificate of Responsibility Requirement Number::

NIGP Codes: (Commodity code categories) **20019 - Disposable Clothing (See Class 475 for Hospital Type)**
20085 - Uniforms, Blended Fabric

- 20165** - Rainwear (Raincoats, Hats, Slicker Suits, Storm Suits, Umbrellas, etc.)
- 21029** - Culverts, Corrugated Metal (Incl. Well Casing Pipe)
- 28712** - Batteries and Hardware For Electronic Equipment (Including Recycled Types)
- 34556** - Hats and Helmets, Safety (Incl. Fire Helmets)
- 34564** - Head, Ear, Eye and Face Protection
- 34578** - Recycled First Aid and Safety Equipment and Supplies
- 34579** - Reflective Safety Apparel and Accessories (See 345-08 for Non-Reflective Type)
- 34580** - Respiratory Protection Equipment and Parts (Including CPAP Equipment and Parts)
- 34590** - Vests, Life
- 34592** - Vests, Safety
- 39330** - Beverages, Thirst Quenching, w/Electrolyte
- 44508** - Blades, Hand Saw (Non-Powered)
- 44509** - Blades: Handsaw, (Powered) Circular, and Reciprocating (For Powered and Non-Powered Portable Saws)
- 44527** - Drills, Hand, Portable, (Powered), Automatic
- 44542** - Knives, Utility and Pen (All Types) and Accessories
- 44543** - Hoes, Leaf Loaders, Rakes, Council Tools, Weed Cutters, etc.
- 44546** - Levels, Chalk Lines, Chalk Line Refills, etc.
- 44551** - Pick-up Tools, Magnetic
- 44552** - Pliers, All Kinds (Except Stock Tagging)
- 44558** - Saws (Non-Powered): Hack, Keyhole, Pruning, Pole, etc.
- 44564** - Screwdrivers, All Kinds
- 44581** - Tool Holders (Collets, etc.)(See 445-45 for Tool Pouches)
- 44582** - Tool Sets, All Kinds
- 44585** - Trowels and Floats, All Kinds

- 45087** - Water Bags, Cans, Jugs, and Kegs
- 47013** - Anatomical Braces and Supports: Arm Slings, Back Supports, Torso Supports, Neck Braces, Trusses, etc.
- 48675** - Receptacle Liners: Vinyl and Steel (See 665-24 For Plastic Type), Including Biodegradable, Environmentally Certified Products
- 55078** - Traffic Cones, Lane Markers, and Barricades (Portable)
- 63064** - Paint, Spray (Aerosol)
- 66524** - Bags and Liners, Plastic: Garbage Can Liners, Janitor Cart Liners, Linen Hamper Liners, Litter Bags, Polyethylene Bags, etc., Including Biodegradable
- 66544** - Landfill Liners
- 66580** - Polyethylene Film, Reinforced
- 66582** - Shrink Film Packaging Equipment and Supplies
- 66583** - Stretch Film and Wrapping Equipment
- 66587** - Teflon Sheets and Rods
- 80025** - Boots, Rubber, Waders, Safety Toe
- 89087** - Water Treatment Equipment (Not Otherwise Classified)
- 91345** - Construction, Sewer and Storm Drain

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Central Auction House, LTD



Bid Number 50-00123639

**ONE (1) YEAR CONTRACT FOR A SUPPLY OF BRONZE FITTINGS, FOR
THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS, ALL WATER
DISTRICTS AND ALL JEFFERSON PARISH AGENCIES AND
MUNICIPALITIES**

BID DUE DATE, TIME: AUGUST 14, 2018 AT 2:00 PM

ATTENTION VENDORS!!!

**Please review all pages and respond accordingly, complying with all provisions
in the technical specifications and Jefferson Parish Instructions for Bidders and
General Terms and Conditions. All bids must be received in the Purchasing
Department by the bid due date and time.**

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Buyer: Daphne Nelson
Email: DNelson@jeffparish.net
Phone: (504) 364-2650**



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

July 2018

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

Other Changes Continued:

- For all advertised sealed bids, written evidence of signature authority must be included with bid submission.
- Current W9 Forms and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- **Proof of insurance in the form of a current certificate evidencing coverages is required with bid submission.** Bidders must read the insurance requirements attachment included in each bid package for specific instructions. Upon contract execution, successful bidder must produce final insurance certificates in accordance with Jefferson Parish insurance requirements.

Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

Joseph S. Yenni Building – 1221 Elmwood Park Blvd., Ste. 404, Jefferson, LA 70123
Office 504.364.2678

General Government Bldg. – 200 Derbigny St – Suite 4400 - Gretna, LA 70053
Office 504.364.2678

Email: Purchasing@jeffparish.net Website: www.jeffparish.net

Bronze Fittings

A ONE (1) YEAR CONTRACT FOR A SUPPLY OF BRONZE FITTINGS, FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS, ALL WATER DISTRICTS AND ALL JEFFERSON PARISH AGENCIES AND MUNICIPALITIES.

Items Included In This Contract:

- GROUP 1. Adapters (¾" Through 2")
- GROUP 2. Bushing (Brass Alloy) (Inlet ¾" To 2" ; Outlet ½" To 2"):
- GROUP 3. Connectors (Yoke Box Expansion)
- GROUP 4. Corporation Stops
- GROUP 5. Meter Couplings
- GROUP 6. Coupling Unions
- GROUP 7. Curb Stop Ball Valve
- GROUP 8. Ell Couplings
- GROUP 9. Nut Pack Joints
- GROUP 10. Brass Plugs
- GROUP 11. Tees (Pack Joint Compression Type)
- GROUP 12. Meter Ball Valves
- GROUP 13. Wyes (Y)
- GROUP 14. Blind Gaskets
- GROUP 15. Gasket Rings
- GROUP 16. Gasket Drop Ins for 2" Flanged (Oval) Water Meters
- GROUP 17. Bushings (Domestic Bronze)
- GROUP 18. Caps (Female Iron Pipe Thread)
- GROUP 19. Caps (Female Iron Pipe Threads) (¾" through 2")
- GROUP 20. Cross Of Female Iron Pipe Thread (1" And 2")
- GROUP 21. Elbows (Female Iron Pipe Thread)
- GROUP 22. Nipples (All Male Pipe Thread)
- GROUP 23. Reducers
- GROUP 24. Tees (All Female Pipe Threads)
- GROUP 25. Unions (All Female Pipe Threads)

Contract Terms:

A one (1) year contract for a supply of bronze fittings, for the Jefferson Parish Department of Public Works- all Water districts and all Jefferson Parish agencies and municipalities.

Warranty:

Products shall be warranted that they are manufactured in accordance with the applicable material specifications and are free from defects in workmanship and materials for one year after delivery. Any defective items sold under this contract shall be replaced at no cost to the purchaser.

General Specifications:

This specification is prepared for the acquisition of various types of bronze/brass fittings, which are used for waterline construction and maintenance by the Parish of Jefferson.

Technical literature must be submitted with the bid. Failure to honor such request will result in the bid being considered non-responsive.

All items in this bid must be of domestic United States manufacture and meet all criteria set forth by AWWA, ASTM, ANSI and federal and as specified hereafter.

Bidder must state the manufacture and model/catalog numbers of all items specified in this proposal.

The quantities shown on the proposal guide are approximate quantities to be acquired by Jefferson parish over a one (1) year period. Actual usage will be on an "as needed" basis.

Bid delivery shall include all freight and delivery costs to Jefferson Parish warehouse locations on the East and West Banks of Jefferson Parish.

Technical Specifications:

All bronze fittings shall be **low lead** brass and shall be made of heavy brass alloy 89833 per ASTM B62-09 and ASTM B584-09 (or latest revision) and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure.

GROUP 1. Adapter (¾" To 2"):

Adapter shall be available in sizes of ¾" to 2". Adapter shall have an inlet of "pack joint" compression with clamping set screw, and an outlet of either female or male iron pipe. Adapter shall be made of heavy brass alloy 89833 per ASTM B62-09 and ASTM B584-09 (or latest revision) and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure.

GROUP 2. Bushing (Brass Alloy) (Inlet ¾" To 2" ; Outlet ½" To 2"):

Bushings shall be of the reducing kind with an inlet of CC/AWWA male taper threads and outlets of female CC/AWWA taper threads. Bushings shall be made of heavy brass alloy 89833 per ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications.

- **Bushing (Adapter):**

Bushing adapter shall be of the reducing kind with an inlet of CC/AWWA male taper threads and outlet of female national pipe threads.

GROUP 3. Connectors (Yoke Box Expansion):

Connector shall be made of heavy brass alloy 89833 per ASTM B62-09 and ASTM B584-05 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure. Connector yoke box expansion shall be standard/hand wheel and to have an inlet of female meter threads with an outlet of male yoke connection for a $\frac{5}{8}$ "x $\frac{3}{4}$ " meter.

GROUP 4. Corporation Stops:

Corporation stops shall be made of heavy brass alloy per 89833 ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure.

- **Joint Compression Fitting (CC/AWWA):**
Corporation stop shall have an inlet of CC/AWWA male taper threads and an outlet of pack joint compression fitting with clamping set screw to have large raised rectangular keyway. Corporation stops shall be available in sizes from $\frac{3}{4}$ " to 2".
- **Female Iron Pipe Threads (CC/AWWA):**
Corporation stop shall be with inlet of CC/AWWA male taper threads and outlet of female iron pipe threads, have large raised rectangular keyway, and range in sizes $\frac{3}{4}$ " to 2".

GROUP 5. Meter Couplings:

Meter coupling shall be made of heavy brass alloy per 89833 ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800 specifications with a 250 psi working pressure.

- **Female Iron Pipe Threading:**
Coupling meters shall have an inlet of female threaded meter nut coupler with an outlet of female iron pipe threading. Coupling meter shall be available in meters sizes of $\frac{3}{4}$ ", 1", and 2".
- **Male Iron Pipe Threading:**
Coupling meters shall have an inlet of female threaded meter nut coupler with an outlet of male iron pipe threading. Coupling meter shall be available in meter sizes of $\frac{3}{4}$ ", 1", and 2".
- **Oval Meter Flange (Female):**
Coupling meters shall have an inlet of oval meter flange and outlet of female iron pipe. Coupling meter shall be 2".
- **Oval Meter Flange (Male):**
Coupling meter shall have an inlet of oval meter flange and outlet of male iron pipe. Coupling meter shall be 2".

- **Oval Meter Flange (Pack Joint Compression):**
Coupling meters shall be oval meter flange with an outlet of pack joint compression type fitting with clamping set screw and shall be available in 2".
- **Pack Joint Compression (Female):**
Coupling meters shall have an inlet of female threaded meter nut coupler with an outlet of pack joint compression type fitting with clamping set screw. Coupling meter shall be available in sizes of ¾" to 2".
- **Pack Joint Compression (Male):**
Coupling meters shall have an inlet of male threaded meter nut coupler with an outlet of pack joint compression type fitting with clamping set screw. Coupling meter shall be available in sizes of ¾" to 2".

GROUP 6. Coupling Union:

Coupling union shall be made of heavy brass alloy 89833 per ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure. Coupling union shall have an inlet and outlet of "pack joint" compression with clamping set screw. Coupling union shall be available in sizes ranging from ¾" to 2".

- **Coupling (Reducer):**
Coupling union (reducer) shall have an inlet and outlet "pack joint" compression with clamping set screw with ¾" PJ on one end and 1" PJ on the other.
- **Coupling/Adapter:**
Coupling/adapter shall be an inlet of "pack joint" compression fitting with clamp set screw for PE tubing, and an outlet of "pack joint" compression fitting with clamping set screw and gasket for IP pipe.
- **Union/Adapter:**
Coupling (union/adapter) shall be an inlet of "pack joint" compression fitting with clamping set screw and gasket for PE tubing, and an outlet of "pack joint" compression fitting with clamping set screw and gasket for IP pipe. Couplings (union/adapter) shall be available in sizes ¾", 1", and 2".

GROUP 7. Curb Stop Ball Valves:

Curb stop ball valve shall be made of heavy brass alloy 89833 per ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure.

- **Female Iron Pipe Threads (Inlet/Outlet):**
Curb stop ball valve shall have an inlet and outlet of female iron pipe threads and to have large raised rectangular key way with pad lock wings. Available sizes shall be ¾", 1", and 2".
- **Pack Joint Compression Type:**
Curb stop ball valve shall have an inlet and outlet of pack joint compression type fitting with clamping set screw and to have large raised rectangular key way with padlock wings. Available sizes shall be ¾", 1", and 2".
- **Pack Joint Compression Type Inlet:**
Curb stop ball valve shall have an inlet of pack joint compression type fitting with clamping set screw and an outlet of female iron pipe. Curb stop ball shall have large raised rectangular key way with padlock wings.

GROUP 8. Ell Couplings:

Ell couplings shall be made of heavy brass alloy 89833 per ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure. Ells shall have an inlet and outlet of "pack joint" compression with clamping set screw with available sizes of ¾", 1", and 2".

- **Ell Coupling (Adapter):**
Ell coupling (adapter) shall have an inlet of "pack joint" compression with clamping set screw and an outlet of female iron pipe. Ell (adapter) shall also be available with an outlet of male iron pipe. Available sizes shall be ¾", 1", and 2".
- **Ell Meter:**
Ell meter shall have an inlet of threaded meter nut coupler with an outlet of female iron pipe. Ell meter shall also be available with an outlet of male iron pipe and "pack joint" compression with clamping set screw. Available sizes shall fit ¾" and 1" meters.

GROUP 9. Nut Pack Joints:

Nut pack joints shall be made of heavy brass alloy 89833 per ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure. Nut shall be fit a pack joint with clamping set screw and gasket. Available sizes shall be ¾", 1", and 2".

GROUP 10. Brass Plugs:

Brass plug shall be made of heavy brass alloy 89833 per ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure. Brass plug shall have inlet of CC/AWWA male taper threads and shall have a raised square wrench head nut. Available sizes shall be ¾", 1", and 2" male CC.

GROUP 11. Tees (Pack Joint Compression Type):

Tee shall be made of heavy brass alloy 89833 per ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure. Tee inlet "run" and outlet "branch" shall be of "pack joint compression type fitting with clamping set screw. Available sizes for "run" and "branch" shall be ¾", 1", and 2" PJ.

- **Tee (Multi Service):**

Tee shall have an inlet of female iron pipe and outlet of six (6) female iron pipe, with 1-2" FIP (bottom) x 6-1" FIP (perimeter).

GROUP 12. Meter Ball Valves:

Valve meter ball valve shall be made of heavy brass alloy 89833 per ASTM B62 and ASTM B584 and shall meet or exceed AWWA C800-05 specifications with a 250 psi working pressure. Valve meter ball valve shall have an inlet of pack joint compression type fitting with clamping set screw and outlet of female meter nut coupler with a raised rectangular key way with padlock wings. Ball valve shall be available for meter sizes of ¾", 1", and 2".

- **Meter Ball Valve (90°):**

Valve meter ball valve (90°) shall have an inlet of pack joint compression type fitting with clamping set screw and outlet of female meter nut coupler with a raised rectangular key way with padlock wings. Ball valve shall be available for meter sizes of ¾", 1", and 2".

GROUP 13. Wyes:

All wyes shall be bronze and conform to AWWA standard C800-05 (ASTM B-62 and ASTM B-584)

- **Multi-Service Wyes (FIP X 4-FIP):**

Wyes shall have an inlet of female iron pipe and outlets of female iron pipe. Size of inlet shall be 2" and the size of the outlets shall be 1".

- **Wye (2-MIP x MIP):**

Wyes shall have two inlets of male iron pipe and an outlet of male iron pipe. Size of the inlets shall be ¾" and the outlet shall be 1".

- **Wye (PJ x 2-PJ):**
Wyes shall have an inlet and two outlets of pack joint compression type fitting with clamping set screw. Size of the inlet shall be 1" and the outlets shall be $\frac{3}{4}$ ".

GROUP 14. Blind Gaskets:

Blind gasket shall be made of vulcanized fiber material for use in potable water. Gaskets shall be available to fit $\frac{3}{4}$ " and 1" meters.

- **Blind Gasket ($\frac{3}{4}$ " Meter):**
Blind gasket shall be made of vulcanized fiber material for use in potable water. Dimensions shall be 1- $\frac{5}{32}$ " OD by $\frac{1}{16}$ " thick.
- **Blind Gaskets (1" Meter):**
Blind gasket shall be made of vulcanized fiber material for use in potable water. Dimensions shall be 1- $\frac{1}{2}$ " OD by $\frac{1}{16}$ " thick.

GROUP 15. Gasket Rings:

- **Gasket Rings (Fiber- $\frac{3}{4}$ " Meter):**
Gasket ring shall be made of vulcanized fiber material for use on potable water. Dimensions shall be 1- $\frac{5}{32}$ " OD by $\frac{23}{32}$ " ID by $\frac{1}{16}$ " thick.
- **Gasket Rings (Fiber-1" Meter):**
Gasket ring shall be made of vulcanized fiber material for use on potable water. Dimensions shall be 1- $\frac{1}{2}$ " OD by 1" ID by $\frac{1}{16}$ " thick.
- **Gasket Rings ($\frac{3}{4}$ " Meter Coupling):**
Gasket ring shall be made of vulcanized fiber material for use on potable water. Dimensions shall be 1- $\frac{5}{32}$ " OD by $\frac{25}{32}$ " by $\frac{1}{8}$ " thick.
- **Gasket Rings (1" Meter Coupling):**
Gasket ring shall be made of vulcanized fiber material for use on potable water. Dimensions shall be 1- $\frac{1}{2}$ " by 1" ID by $\frac{1}{8}$ " thick.
- **Gasket Rings ($\frac{3}{4}$ " Yoke Box):**
Gasket ring for a $\frac{3}{4}$ " yoke box expansion connector shall be made of neoprene material for use on potable water. Dimensions shall be 1- $\frac{11}{32}$ " OD by $\frac{26}{32}$ " ID by $\frac{1}{8}$ " thick.

GROUP 16. Gasket Drop Ins For 2" Flanged (Oval) Water Meter:

Drop in gasket shall be made of two-ply neoprene material for use on potable water. Dimensions shall be 3- $\frac{15}{16}$ " OD by 2- $\frac{1}{4}$ " ID by $\frac{1}{8}$ " thick with ears to set on top of flange bolts.

GROUP 17. Bushings (Domestic Bronze):

Bushing shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. WW-P-460 for 125 pound threaded fittings to be air tested under water.

- **Bushings (1" x ¾"):**

Bushing shall have an inlet of male iron pipe thread and an outlet of female iron pipe thread.

- **Bushings (2" x 1"):**

Bushing shall have an inlet of male iron pipe thread and an outlet of female iron pipe thread.

GROUP 18. Caps (Female Iron Pipe Thread):

Caps shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. Ww-p-460 for 125 pound threaded fittings to be air tested under water. Available sizes shall be ¾", 1", and 2".

GROUP 19. Couplings (Female Iron Pipe Thread):

Couplings shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. WW-P-460 for 125 pound threaded fittings to be air tested under water. Available sizes shall be ¾", 1", and 2".

GROUP 20. Crosses (Female Iron Pipe Thread):

Crosses shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. WW-P-460 for 125 pound threaded fittings to be air tested under water. Available sizes shall be ¾", 1", and 2".

GROUP 21. Elbows (Female Iron Pipe Thread):

Elbows shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. WW-P-460 for 125 pound threaded fittings to be air tested under water. Elbows shall be available in 45° and 90° bends. Available sizes shall be ¾", 1", and 2".

- **Street Elbows (Female Iron Pipe Thread):**

Street elbow shall have female iron pipe thread on one end and male iron pipe on the other. Elbows shall be available in 45° and 90° bends. Available sizes shall be ¾", 1", and 2".

GROUP 22. Nipples:

Nipples shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. WW-P-460 for 125 pound threaded fittings to be air tested under water. Nipples shall be available in all male iron pipe thread. Available in sizes close, ¾", 1", 2", 3", and 4".

GROUP 23. Reducers:

Reducers shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. WW-P-460 for 125 pound threaded fittings to be air tested under water. Reducers shall be available in all female iron pipe thread. Available sizes shall be $\frac{3}{4}$ ", 1", and 2".

GROUP 24. Tees (Female Iron Pipe Threads):

Tees shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. WW-P-460 for 125 pound threaded fittings to be air tested under water. Tees shall be available in all female iron pipe thread. Available sizes shall be $\frac{3}{4}$ ", 1", and 2".

GROUP 25. Unions:

Unions shall be domestic bronze fittings to meet or exceed ANSI B16.15, ANSI B2.1, and fed. WW-P-460 for 125 pound threaded fittings to be air tested under water. Unions shall be available in all female iron pipe threads. Available sizes shall be $\frac{3}{4}$ ", 1", and 2".

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____
INCORPORATED, DULY NOTICED AND HELD ON _____,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED. THAT _____, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE AND RECEIPT THEREFOR ALL
PURCHASE ORDERS AND NOTICES ISSUED PURSUANT TO THE PROVISIONS OF
ANY SUCH BID OR CONTRACT, THIS CORPORATION HEREBY RATIFYING,
APPROVING, CONFIRMING, AND ACCEPTING EACH AND EVERY SUCH ACT
PERFORMED BY SAID AGENT AND ATTORNEY-IN-FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE
ABOVE DATED MEETING OF THE BOARD
OF DIRECTORS OF SAID CORPORATION,
AND THE SAME HAS NOT BEEN
REVOKED OR RESCINDED.

SECRETARY-TREASURER

DATE

Non-Public Works Bid Affidavit Instructions

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

Instruction sheet may be omitted when submitting the affidavit

Non-Public Works Bid

AFFIDAVIT

COPY

STATE OF LA

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: Cathy A. McCarthy, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Branch Manager of Ferguson ENT DBA Louisiana Utilities Supply Co (Entity), the party who submitted a bid in response to Bid Number 500123639 to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B there are NO campaign contributions made which would require disclosure under Choice A of this section.

COPY

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

- Choice A Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.
- Choice B There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

COPY

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Cathy A. McCarthy
Signature of Affiant

Cathy A. McCarthy
Printed Name of Affiant

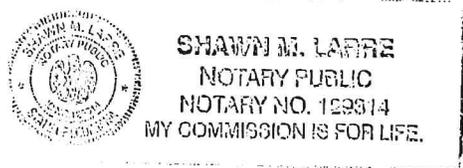
SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 14th DAY OF August, 2018.

Shawn M. Larre
Notary Public

Shawn M Larre
Printed Name of Notary

129314
Notary/Bar Roll Number

My commission expires At Death



Louisiana Secretary of State

R. Kyle Ardoin

SEARCH FOR LOUISIANA NOTARIES

A practicing notary in a parish may notarize in reciprocal parishes without additional bonding or examination.

You can also download information about all notaries on file. For more information, see Notary Bulk Data.

Print

Notary Search - Detail

Name: MS. SHAWN M. LARRE
Address: 18 STANTON HALL DR.
DESTREHAN, LA 70047
Phone: (504) 232-5337
Notary ID Number: 129314
Parish: ST. CHARLES with STATEWIDE JURISDICTION
Agency: N/A
Notary Type: Non Attorney
Status: Active
Commission Date: 03/05/2013
Oath Date: 02/28/2013
Surety Expiration Date: 04/27/2019
Annual Report Current: Yes

Notary Events

Suspension From: 03/05/2018 To: 04/30/2018
Parish Change Previous Parish: JEFFERSON Previous Commission Date: Unknown

Deceased, Inactivated, Leave of Absence, Pre-Assessment Registration, Pre-Assessment Taken, Resigned, Retirement, and Revoked events are not available prior to February 11, 2012.

[Back to Search Results](#)

[New Search](#)

STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability, Workmen's Compensation Insurance and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being

rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

COMMERCIAL GENERAL LIABILITY

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

COMPREHENSIVE AUTOMOBILE LIABILITY

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DEDUCTIBLES

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office with the concurrence of the Director of Risk Management.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required unless otherwise specified in the bid. Such insurance is due upon contract execution.

1) **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

2) **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
04/24/2018

Page 1 of 2

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis of Maryland, Inc. c/o 26 Century Blvd. P. O. Box 305191 Nashville, TN 37230-5191	CONTACT NAME:		
	PHONE (A/C NO. EXT):	610-964-8700	FAX (A/C NO.): 610-254-5600
	E-MAIL ADDRESS:	certificates@willis.com	
INSURED Ferguson Enterprises, Inc. and Subsidiaries (See Attached Named Insured Schedule) 12500 Jefferson Avenue Newport News, VA 23602	INSURER(S) AFFORDING COVERAGE		NAIC#
	INSURER A: Liberty Mutual Fire Ins. Co.		23035-000
	INSURER B: ACE American Insurance Company		20699-900
	INSURER C: Liberty Ins. Corp.		42404-000
	INSURER D: Indemnity Insurance Company of North Amer		43575-001
	INSURER E:		
	INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 26261261

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	Y		TB2-691-468654-018	5/1/2018	5/1/2019	EACH OCCURRENCE	\$ 2,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 2,000,000
							GENERAL AGGREGATE	\$ 5,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:							
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> Self-Insured	Y		AOS ISA H25158210	5/1/2018	5/1/2019	COMBINED SINGLE LIMIT (Ea accident)	\$ 5,000,000
	<input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Physical Damage						BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE	Y		TH7-691-468654-028	5/1/2018	5/1/2019	EACH OCCURRENCE	\$ 2,000,000
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						AGGREGATE	\$ 2,000,000
								\$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WLR C64786416	5/1/2018	5/1/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER	
							E.L. EACH ACCIDENT	\$ 2,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 2,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Re: Resolution No. 125223

Workers Compensation Policy #WLR C64786416 provides coverage for AL, AK, AR, AZ, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, ME, MD, MI, MN, MO, MS, MT, NC, NE, NH, NJ, NM, NV, NY, OK, OR, PA, RI, SC, SD, TX, UT, VA, VT, WV.

See Attached for Additional Workers' Compensation Policies:

CERTIFICATE HOLDER

CANCELLATION

The Parish of Jefferson, its Districts, Departments Agencies under the direction of the Parish - President and Parish Council Engineering Department 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE <i>Sinda D. Suedeke</i>

Coll:5203004 Tpl:2212851 Cert:26261261 ©1988-2015 ACORD CORPORATION. All rights reserved.



ADDITIONAL REMARKS SCHEDULE

AGENCY Willis of Maryland, Inc.		NAMED INSURED Ferguson Enterprises, Inc. and Subsidiaries (See Attached Named Insured Schedule) 12500 Jefferson Avenue Newport News, VA 23602	
POLICY NUMBER See First Page		EFFECTIVE DATE: See First Page	
CARRIER See First Page	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: 25 _____ FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

The Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and Parish Council are included as Additional Insureds under General Liability and Auto Liability as required by written contract but only with respect to liability arising out of Named Insured's operations.

Umbrella follows form.

ADDITIONAL COVERAGE SCHEDULE

COVERAGE	LIMITS
POLICY TYPE: Workers' Compensation & Employers Liability- CA/MA CARRIER: New ACE American Insurance Company POLICY TERM: 05/01/2018 - 05/01/2019 POLICY NUMBER: WLR C64786374	Per Statute E.L. Each Accident: \$2,000,000 E.L. Disease-Policy Limit: \$2,000,000 E.L. Disease-Each Employee: \$2,000,000
POLICY TYPE: Workers' Compensation & Employers Liability - TN CARRIER: Agri General Insurance Company POLICY TERM: 05/01/2018 - 05/01/2019 POLICY NUMBER: WLR C64786453	Per Statute E.L. Each Accident: \$2,000,000 E.L. Disease-Policy Limit: \$2,000,000 E.L. Disease-Each Employee: \$2,000,000
POLICY TYPE: Workers' Compensation & Employers Liability - WI CARRIER: ACE Fire Underwrites Insurance Company POLICY TERM: 05/01/2018 - 05/01/2019 POLICY NUMBER: SCF C64786611	Per Statute E.L. Each Accident: \$2,000,000 E.L. Disease-Policy Limit: \$2,000,000 E.L. Disease-Each Employee: \$2,000,000

**FERGUSON ENTERPRISES, INC. and Subsidiaries
Named Insured Listing**

Entity Name
AC Wholesalers
Alaska Pipe & Supply
Andrews Lighting & Hardware Gallery
The Ar-Jay Center
Atlantic American Fire Equipment Company
Avallon Global
BAC Appliance Center
Bath + Beyond
Bruce-Rogers Company
Build.com, Inc. (fka Improvement Direct, Inc.)
Cal-Steam
City Lights Design Showroom
CFP
Clawfoot Supply, LLC
Cline Contract Sales
Custom Lighting & Hardware
Davies Water
Dealemet
Duhig Stainless
Energy & Process Corporation
Equarius Waterworks, Meter & Automation Group
Factory Direct Appliance
Ferguson Bath & Kitchen Gallery
Ferguson Bath, Kitchen & Lighting Gallery
Ferguson.com
Ferguson CESCO, Inc.
Ferguson Direct
Ferguson Facilities Supply
Ferguson Fire & Fabrication, Inc.
Ferguson Fire & Fabrication International
Ferguson Heating & Cooling
Ferguson Hospitality Sales
Ferguson HVAC – Air Cold
Ferguson HVAC – EastWest Air
Ferguson HVAC – Lyon Conklin
Ferguson Integrated Services
Ferguson International
Ferguson Panama, S.A.
Ferguson Parts & Packaging
Ferguson Valve & Automation
Ferguson Waterworks
Ferguson Waterworks - Municipal Pipe
Ferguson Waterworks - Red Hed
Ferguson Waterworks EPPCO
Ferguson Waterworks International
Galleria Bath & Kitchen Showplace
HM Wallace, Inc.
H. P. Products Corporation
HP Logistic, Inc.
Improvement Brands Holdings, Inc.
Industrial Hub of the Carolinas
J&G Products
J.D. Daddario Company

Entity Name
Joseph G. Pollard Co.
Karl's Appliances
Lighting Unlimited
Lincoln Products
Linwood Pipe and Supply
Living Direct, Inc.
Louisiana Utilities Supply Company
LUSCO
Matra Paper
McFarland Supply
Michigan Meter
Myers HVAC Supply
Mississippi Utility Supply Co. (MUSCO)
PCS Industries
PL Sourcing
Plumb Source
Plumbing Décor
Pollardwater
Powell Pipe & Supply Co.
Power Equipment Direct Inc.
Professional's Bath Source
PV Sullivan Supply
Ramapo Wholesalers
Renwes Sales
Redlon & Johnson
Reese Kitchen, Bath & Lighting Gallery
SG Supply Co.
Ship-Pac
Signature Hardware
SOS Sales
Stock Loan Services, LLC
Supply.com
Tarpon Wholesale Supplies
The Davidson Group
The Plumbing Source
The Stock Market
TPW Kitchen & Bath
Waterworks Industries
Webb Distributors
Western Air Supply
Wholesale Group
Wholesale Group Operations, Inc.
Westfield Lighting
Wolseley (Barbados) Ltd
Wolseley de Puerto Rico, Inc.
Wolseley Financial Services
Wolseley Industrial Group
Wolseley Integrated de Mexico S.A. de C.V.
Wolseley Investments North America, Inc.
Wolseley Investments, Inc.
Wolseley NA Construction Services, LLC
Wolseley NA Finance, Inc.
Wolseley Staffing de Mexico S.A. de C.V.
WPCC Forwarding

DATE: 7/23/2018

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00123639

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

BUYER: DNELSON@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 8/14/2018 AND PUBLICLY OPENED THEREAFTER.

For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only. All bids will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

DATE: 7/23/2018

Page: 2

BID NO.: 50-00123639

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA - R.S. 38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

DATE: 7/23/2018

BID NO.: 50-00123639

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

Page: 3

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

10,12,13,15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise stated in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations or warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required In conformity with the provisions contained in LSA - RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(B)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

Stock - 3 weeks

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

THIS SECTION MUST BE COMPLETED BY BIDDER:

Ferguson Enterprises

FIRM NAME: **DBA Louisiana Utilities Supply Co**

901 S Labarre Rd, Suite 206

ADDRESS: **Metairie LA 70001**

CITY, STATE: _____ ZIP: _____

TELEPHONE: *(504) 834-1106* FAX: *(504) 831-4179*

EMAIL ADDRESS: *Cathy.McCarthy@ferguson.com*

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: 1 8/7/18
NUMBER: _____
NUMBER: _____
NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 952,854.02

AUTHORIZED SIGNATURE: *Cathy A. McCarthy*

Cathy A. McCarthy
Printed Name

TITLE: *Branch Manager*

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

August 7, 2018

ADDENDUM # 1

Bid No.: 50-00123639

Bid Opening Date: August 14, 2018

For: One (1) year contract for a supply of bronze fittings, for the Jefferson Parish Department of Public Works, all Water Districts and all Jefferson Parish agencies and municipalities

REVISIONS TO THE BID SPECIFICATIONS:

This addendum hereby revises and replaces the original bid form and is attached hereto. Bidders must submit this revised bid form with their submission. Failure to do so will result in bid rejection

THE FOLLOWING LINE ITEM IS A DUPLICATE ON THE ORIGINAL BID FORM:

PAGE 17 - Line Item 81 - 0820 VALVE, METER, BALL VALVE, 90 DEGREES TO HAVE AN INLET OF PACK JOINT COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE METER NUT COUPLER, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #BA43-444W; 1 INCH PJ/MTR (38126)

THE BID OPENING DATE WILL REMAIN THE SAME, AUGUST 14, 2018 AT 2:00 P.M

Sincerely,

Daphne Nelson

Daphne Nelson, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

Joseph S. Yenni Building - 1221 Elmwood Park Blvd., Ste. 404, Jefferson, LA 70123
Office 504.364.2678
General Government Bldg. - 200 Derbigny St - Suite 4400 - Gretna, LA 70053
Office 504.364.2678
Email: Purchasing@jeffparish.net Website: www.jeffparish.net

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	35.00	ONLY	ONE (1) YEAR CONTRACT FOR A SUPPLY OF BRONZE FITTINGS, FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS, ALL WATER DISTRICTS AND ALL JEFFERSON PARISH AGENCIES AND MUNICIPALITIES		
			0010 ADAPTER, TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET	10.48	366.80
2	1.00	ONLY	SCREW, AND AN OUTLET OF FEMALE IRON PIPE FORD C14-33; 3/4 INCH PJ/FIP (38016)		
			0020 ADAPTER, TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET	14.10	14.10
3	4.00	ONLY	SCREW, AND AN OUTLET OF FEMALE IRON PIPE FORD C14-44; 1 INCH PJ/FIP (38026)		
			0030 ADAPTER, TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET	49.00	196.00
4	350.00	ONLY	SCREW, AND AN OUTLET OF FEMALE IRON PIPE FORD C14-77; 2 INCH PJ/FIP (38028)		
			0040 ADAPTER, TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET	10.10	3535.00
5	100.00	ONLY	SCREW, AND AN OUTLET OF MALE IRON PIPE, FORD C84-33; 3/4 INCH PJ/MIP (38015)		
			0050 ADAPTER, TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET	11.85	1185.00
6	260.00	ONLY	SCREW, AND AN OUTLET OF MALE IRON PIPE, FORD C84-44; 1 INCH PJ/MIP (38025)		
			0060 ADAPTER, TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET	47.58	12,370.80
7	100.00	ONLY	SCREW, AND AN OUTLET OF MALE IRON PIPE, FORD C84-77; 2 INCH PJ/MIP (38027)		
			0070 BUSHING, REDUCING, INLET OF CC/AWWA MALE TAPER THREADS AND OUTLET OF FEMALE CC/AWWA TAPER THREADS; FORD #BBAA-43 1 INCH MALE CC X 3/4 INCH FEMALE CC (37980)	9.70	970.00
8	1.00	ONLY	0080 BUSHING, REDUCING, INLET OF CC/AWWA MALE TAPER THREADS AND OUTLET OF	41.10	41.10

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
9	1.00	ONLY	FEMALE CC/AWWA TAPER THREADS; FORD #BBAA-73 2 INCH MALE CC X 3/4 INCH FEMALE CC (37981)	42.00	42.00
			0090 BUSHING, REDUCING, INLET OF CC/AWWA MALE TAPER THREADS AND OUTLET OF FEMALE CC/AWWA TAPER THREADS; FORD #BBAA-74 2 INCH MALE CC X 1 INCH FEMALE CC (37982)		
10	1.00	ONLY	0100 BUSHING (ADAPTER), REDUCING, INLET OF CC/AWWA MALE TAPER THREADS AND	7.30	7.30
			BUSHING (ADAPTER), REDUCING, OUTLET OF FEMALE NATIONAL PIPE THREADS FORD #BBA1-31 3/4 INCH MALE CC X 1/2 INCH FEMALE NPT (37968)		
11	1.00	ONLY	0120 BUSHING (ADAPTER), REDUCING, BRASS, INLET OF CC/AWWA MALE TAPER	9.70	9.70
			THREADS, AND OUTLET OF FEMALE NATIONAL PIPE THREADS; FORD #BBA1-43 1 INCH MALE CC X 3/4 INCH FEMALE NPT (37969)		
12	1.00	ONLY	0130 BUSHING (ADAPTER), REDUCING, BRASS, INLET OF CC/AWWA MALE TAPER	34.25	34.25
			THREADS, AND OUTLET OF FEMALE NATIONAL PIPE THREADS; FORD #BBA1-74 2 INCH MALE CC X 1 INCH FEMALE NPT (37970)		
13	1.00	ONLY	0140 BUSHING (ADAPTER), REDUCING, BRASS, INLET OF CC/AWWA MALE TAPER	40.75	40.75
			THREADS, AND OUTLET OF FEMALE NATIONAL PIPE THREADS; FORD #BBA1-75 2 INCH MALE CC X 1-1/4 INCH FEMALE NPT (37971)		
14	925.00	ONLY	0150 CONNECTOR, YOKE BOX EXPANSION, STANDARD/HANDWHEEL, TO HAVE AN INLET OF FEMALE METER THREADS WITH AN OUTLET OF MALE YOKE CONNECTION; FORD #EC-23 5/8 INCH X 3/4 INCH (38175)	13.25	938.25
15	1,250.00	ONLY	0160 CORPORATION STOP, TO HAVE AN INLET OF CC/AWWA MALE TAPER THREADS AND AN	30.90	38,625.00

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
16	600.00	ONLY	OUTLET OF PACK JOINT COMPRESSION FITTING WITH CLAMPING SET SCREW, TO HAVE LARGE RAISED RECTANGULAR KEYWAY; FORD #FB1000-3 3/4 INCH CC/PJ (38035) 0170 CORPORATION STOP, TO HAVE AN INLET OF CC/AWWA MALE TAPER THREADS AND AN	40.60	24,360.00
17	290.00	ONLY	OUTLET OF PACK JOINT COMPRESSION FITTING WITH CLAMPING SET SCREW, TO HAVE LARGE RAISED RECTANGULAR KEYWAY; FORD #FB1000-4 1 INCH CC/PJ (38062) 0180 CORPORATION STOP, TO HAVE AN INLET OF CC/AWWA MALE TAPER THREADS AND AN	149.80	43,442.00
18	1.00	ONLY	OUTLET OF PACK JOINT COMPRESSION FITTING WITH CLAMPING SET SCREW, TO HAVE LARGE RAISED RECTANGULAR KEYWAY; FORD #FB1000-7 2 INCH CC/PJ (38095) 0190 CORPORATION STOP, TO HAVE AN INLET OF CC/AWWA MALE TAPER THREADS AND AN	26.20	26.20
19	1.00	ONLY	OUTLET OF FEMALE IRON PIPE THREADS, TO HAVE LARGE RAISED RECTANGULAR KEYWAY FORD #FB1600-3; 3/4 INCH CC/FIP (38034) 0200 CORPORATION STOP, TO HAVE AN INLET	35.30	35.30
20	2.00	ONLY	OF CC/AWWA MALE TAPER THREADS AND AN OUTLET OF FEMALE IRON PIPE THREADS, TO HAVE LARGE RAISED RECTANGULAR KEYWAY FORD #FB1600-4; 1 INCH CC/FIP (38064) 0210 CORPORATION STOP, TO HAVE AN INLET OF CC/AWWA MALE TAPER THREADS AND AN	148.00	296.00
21	36.00	ONLY	OUTLET OF FEMALE IRON PIPE THREADS, TO HAVE LARGE RAISED RECTANGULAR KEYWAY FORD #FB1600-7; 2 INCH CC/FIP (38094) 0220 CORPORATION STOP, TO HAVE AN INLET OF MALE IRON PIPE THREADS AND AN OUTLET	32.40	1166.40
22	180.00	ONLY	OF PACK JOINT COMPRESSION FITTING WITH CLAMPING SET SCREW, TO HAVE LARGE RAISED RECTANGULAR KEYWAY; FORD #FB1100-3 3/4 INCH MIP/PJ (38033) 0230 CORPORATION STOP, TO HAVE AN INLET OF MALE IRON PIPE THREADS AND AN OUTLET	41.40	7452.00

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
23	10.00	ONLY	OF PACK JOINT COMPRESSION FITTING WITH CLAMPING SET SCREW, TO HAVE LARGE RAISED RECTANGULAR KEYWAY; FORD #FB1100-4 1 INCH MIP/PJ (38063) 0240 CORPORATION STOP, TO HAVE AN INLET	156.90	1569.00
24	1.00	ONLY	OF MALE IRON PIPE THREADS AND AN OUTLET OF PACK JOINT COMPRESSION FITTING WITH CLAMPING SET SCREW, TO HAVE LARGE RAISED RECTANGULAR KEYWAY; FORD #FB1100-7 2 INCH MIP/PJ (38093) 0250 COUPLING, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER	9.40	9.40
25	1.00	ONLY	WITH AN OUTLET OF FEMALE IRON PIPE THREADING; FORD #C31-23 5/8 INCH X 3/4 INCH MTR/FIP (38135) 0260 COUPLING, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER	13.55	13.55
26	1.00	ONLY	WITH AN OUTLET OF FEMALE IRON PIPE THREADING; FORD #C31-44 1 INCH MTR/FIP (38136) 0270 COUPLING, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER	37.30	37.30
27	510.00	ONLY	WITH AN OUTLET OF FEMALE IRON PIPE THREADING; FORD #C31-77 2 INCH MTR/FIP 0280 COUPLING, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER	6.34	3233.40
28	50.00	ONLY	WITH AN OUTLET OF MALE IRON PIPE THREADING; FORD #C38-23-2.5 5/8 INCH X 3/4 INCH MTR/MIP (38110) 0290 COUPLING, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER	9.75	487.50
29	1.00	ONLY	WITH AN OUTLET OF MALE IRON PIPE THREADING; FORD #C38-44-2.625 1 INCH MTR/MIP (38120) 0300 - COUPLING, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER	40.15	40.15

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
30	1.00	ONLY	WITH AN OUTLET OF MALE IRON PIPE THREADING; FORD #C38-77 2 INCH MTR/MIP (38130) 0310 COUPLING, METER, TO HAVE AN INLET	36.50	36.50
31	340.00	ONLY	OF OVAL METER FLANGE AND AN OUTLET OF FEMALE IRON PIPE; FORD #CF31-77 2 INCH FLG/FIP (38160) 0320 COUPLING, METER, TO HAVE AN INLET OF OVAL METER FLANGE AND AN OUTLET OF MALE IRON PIPE; FORD #CF38-77-1-937 2 INCH FLG/MIP (38098)	36.88	12,539.20
32	3,800.00	ONLY	0330 COUPLING, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER	12.10	45,980.00
33	1,200.00	ONLY	WITH AN OUTLET OF PACK JOINT COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW FORD #C24-23; 5/8 INCH X 3/4 INCH MTR/PJ (38155) 0340 COUPLING, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER	16.38	19,656.00
34	1.00	ONLY	WITH AN OUTLET OF PACK JOINT COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW FORD #C34-44; 1 INCH MTR/PJ (38165) 0350 COUPLING, METER, TO HAVE AN INLET	63.20	63.20
35	1.00	ONLY	OF FEMALE THREADED METER NUT COUPLER WITH AN OUTLET OF PACK JOINT COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW FORD #C34-77; 2 INCH MTR/PJ 0360 COUPLING, METER, OVAL METER FLANGE WITH AN OUTLET OF PACK JOINT COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW A Y MCDONALD #610-222; 2 INCH FLG/PJ	200.00	200.00
36	5,800.00	ONLY	0370 COUPLING, UNION, TO HAVE AN INLET AND OUTLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW; FORD #C44-33 3/4 INCH PJ (38102)	11.88	68,904.00
37	1,090.00	ONLY	0380 COUPLING, UNION, TO HAVE AN INLET AND OUTLET OF PACK JOINT COMPRESSION	13.58	14,802.20

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
38	180.00	ONLY	WITH CLAMPING SET SCREW; FORD #C44-44 1 INCH PJ (38104) 0390 COUPLING, UNION, TO HAVE AN INLET AND OUTLET OF PACK JOINT COMPRESSION	61.40	11,052.00
39	750.00	ONLY	WITH CLAMPING SET SCREW; FORD #C44-77 2 INCH PJ (38106) 0400 COUPLING, UNION (REDUCER), TO HAVE AN INLET AND OUTLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW; FORD #C44-34 3/4 INCH PJ X 1 INCH PJ (38208)	13.80	10,350.00
40	225.00	ONLY	0410 COUPLING, UNION/ADAPTER, TO HAVE AN INLET OF PACK JOINT	13.15	2958.75
41	138.00	ONLY	COMPRESSION FITTING WITH CLAMPING SET SCREW AND GASKET FOR PE TUBING, AND AN OUTLET OF PACK JOINT COMPRESSION FITTING WITH CLAMPING SET SCREW AND GASKET FOR IP PIPE; FORD #C45-33 3/4 INCH PE-PJ/IP-PJ (38021) 0430 COUPLING, UNION/ADAPTER, TO HAVE AN INLET OF PACK JOINT	63.75	8797.50
42	1.00	ONLY	COMPRESSION FITTING WITH CLAMPING SET SCREW AND GASKET FOR PE TUBING, AND AN OUTLET OF PACK JOINT COMPRESSION FITTING WITH CLAMPING SET SCREW AND GASKET FOR IP PIPE; FORD #C45-77 2 INCH PE-PJ/IP-PJ (38023) 0440 CURB STOP, BALL VALVE, TO HAVE AN INLET AND AN OUTLET OF FEMALE IRON PIPE	35.40	35.40
43	1.00	ONLY	THREADS AND TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #B11-333W; 3/4 INCH FIP (38081) 0450 CURB STOP, BALL VALVE, TO HAVE AN INLET AND AN OUTLET OF FEMALE IRON PIPE	54.25	54.25
44	1.00	ONLY	THREADS AND TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #B11-444W; 1 INCH FIP (38085) 0460 CURB STOP, BALL VALVE, TO HAVE AN INLET AND AN OUTLET OF FEMALE IRON PIPE	160.00	160.00
REVISED PER ADDENDUM #1					

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
45	3,700.00	ONLY	<p>THREADS AND TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #B11-777W; 2 INCH FIP (38088)</p> <p>0470 CURB STOP, BALL VALVE, TO HAVE AN INLET AND AN OUTLET OF PACK JOINT</p>	44.44	164,428. ⁰⁰
46	820.00	ONLY	<p>COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW AND TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #B44-333W; 3/4 INCH PJ (38086)</p> <p>0480 CURB STOP, BALL VALVE, TO HAVE AN INLET AND AN OUTLET OF PACK JOINT</p>	65.90	54,038. ⁰⁰
47	1.00	ONLY	<p>COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW AND TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #B44-444W; 1 INCH PJ (38091)</p> <p>0490 CURB STOP, BALL VALVE, TO HAVE AN INLET AND AN OUTLET OF PACK JOINT</p>	223. ⁰⁰	223. ⁰⁰
48	1.00	ONLY	<p>COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW AND TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #B44-777W; 2 INCH PJ (38096A)</p> <p>0500 CURB STOP, BALL VALVE, TO HAVE AN INLET OF PACK JOINT COMPRESSION TYPE</p>	40. ⁰⁰	40. ⁰⁰
49	1.00	ONLY	<p>FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE IRON PIPE, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS; FORD #B41-333W 3/4 INCH PJ/FIP</p> <p>0510 CURB STOP, BALL VALVE, TO HAVE AN INLET OF PACK JOINT COMPRESSION TYPE</p>	60.25	60.25
50	1.00	ONLY	<p>FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE IRON PIPE, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS; FORD #B41-444W 1 INCH PJ/FIP</p> <p>0520 CURB STOP, BALL VALVE, TO HAVE AN INLET OF PACK JOINT COMPRESSION TYPE</p>	180. ⁰⁰	180. ⁰⁰
51	1,440.00	ONLY	<p>FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE IRON PIPE, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS; FORD #B41-777W 2 INCH PJ/FIP</p> <p>0530 ELBOW, TO HAVE AN INLET AND OUTLET</p>	15.38	22,752. ⁰⁰

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
52	314.00	ONLY	OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW; FORD #L44-33 3/4 INCH PJ (38180) 0540 ELBOW, TO HAVE AN INLET AND OUTLET	19.69	6182.66
53	145.00	ONLY	OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW; FORD #L44-44 1 INCH PJ (38181) 0550 ELBOW, TO HAVE AN INLET AND OUTLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW; FORD #L44-77 2 INCH PJ (38099)	127.48	18484.60
54	1.00	ONLY	0560 ELBOW (ADAPTER), TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE IRON PIPE; FORD #L14-33; 3/4 INCH PJ/FIP (38176)	14.10	14.10
55	2.00	ONLY	0570 ELBOW (ADAPTER), TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE IRON PIPE; FORD #L14-44; 1 INCH PJ/FIP (38177)	23.00	46.00
56	1.00	ONLY	0580 ELBOW (ADAPTER), TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW AND AN OUTLET OF MALE IRON PIPE; FORD #L84-33; 3/4 INCH PJ/MIP	11.00	11.00
57	2.00	ONLY	0590 ELBOW (ADAPTER), TO HAVE AN INLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW AND AN OUTLET OF MALE IRON PIPE; FORD #L84-44; 1 INCH PJ/MIP	18.25	36.50
58	2.00	ONLY	0600 ELBOW, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER WITH AN OUTLET OF FEMALE IRON PIPE FORD #L31-23; 3/4 INCH MTR/FIP	11.15	22.30
59	1.00	ONLY	0610 ELBOW, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER WITH	16.35	16.35

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
60	1.00	ONLY	AN OUTLET OF FEMALE IRON PIPE FORD #L31-44; 1 INCH MTR/FIP	9.48	9.48
			0620 ELBOW, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER WITH		
61	1.00	ONLY	AN OUTLET OF MALE IRON PIPE FORD #L38-23; 3/4 INCH MTR/MIP (38171)	13.50	13.50
			0630 ELBOW, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER WITH		
62	1,000.00	ONLY	AN OUTLET OF MALE IRON PIPE FORD #L38-44; 1 INCH MTR/MIP (38172)	13.77	13,770. ⁰⁰
			0640 ELBOW, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER WITH		
63	182.00	ONLY	AN OUTLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW; FORD #L34-23 3/4 INCH MTR/PJ (38190)	21.65	3940.30
			0650 ELBOW, METER, TO HAVE AN INLET OF FEMALE THREADED METER NUT COUPLER WITH		
64	1.00	ONLY	AN OUTLET OF PACK JOINT COMPRESSION WITH CLAMPING SET SCREW; FORD #L34-44 1 INCH MTR/PJ (38191)	4.00	4.00
			0660 NUT, PACK JOINT WITH CLAMPING SET SCREW AND GASKET; FORD #NG-D4 3/4 INCH (38037)		
65	1.00	ONLY	0670 NUT, PACK JOINT WITH CLAMPING SET	4.00	4.00
			SCREW AND GASKET; FORD #NG-F4 1 INCH (38038)		
66	1.00	ONLY	0680 NUT, PACK JOINT WITH CLAMPING SET SCREW AND GASKET; FORD #NG-K4 2 INCH (38039)	15.15	15.15
67	1.00	ONLY	0690 PLUG, BRASS, TO HAVE AN INLET OF CC/AWWA MALE TAPER THREADS, TO HAVE	5.50	5.50
			RAISED SQUARE WRENCH HEAD NUT MUELLER #H-10033-33 3/4 INCH MALE CC (37998)		
68	80.00	ONLY	0700 PLUG, BRASS, TO HAVE AN INLET OF CC/AWWA MALE TAPER THREADS, TO HAVE	8.75	700. ⁰⁰

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
69	1.00	ONLY	RAISED SQUARE WRENCH HEAD NUT MUELLER #H-10033-44 1 INCH MALE CC (38000) 0710 PLUG, BRASS, TO HAVE AN INLET OF CC/AWWA MALE TAPER THREADS, TO HAVE	35.75	35.75
70	30.00	ONLY	RAISED SQUARE WRENCH HEAD NUT MUELLER #H-10033-77 2 INCH MALE CC (38003) 0720 TEE, INLET RUN AND OUTLET BRANCH ARE TO BE OF PACK JOINT COMPRESSION TYPE	29.48	884.40
71	1.00	ONLY	FITTING WITH CLAMPING SET SCREW FORD #T444-333 3/4 INCH PJ X 3/4 INCH PJ X 3/4 INCH PJ (38211) 0730 TEE, INLET RUN AND OUTLET BRANCH ARE TO BE OF PACK JOINT COMPRESSION	40.10	40.10
72	105.00	ONLY	TYPE FITTING WITH CLAMPING SET SCREW FORD #T444-344 3/4 INCH PJ X 3/4 INCH PJ X 1 INCH PJ (38212) 0740 TEE, INLET RUN AND OUTLET BRANCH ARE TO BE OF PACK JOINT COMPRESSION TYPE	31.40	3297.00
73	78.00	ONLY	FITTING WITH CLAMPING SET SCREW FORD #T444-443 1 INCH PJ X 1 INCH PJ X 3/4 INCH PJ (38213) 0750 TEE, INLET RUN AND OUTLET BRANCH ARE TO BE OF PACK JOINT COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW FORD #T444-444 1 INCH PJ X 1 INCH PJ X 1 INCH PJ (38214)	31.40	2449.20
74	1.00	ONLY	0760 TEE, INLET RUN AND OUTLET BRANCH ARE TO BE OF PACK JOINT COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW FORD #T444-777 2 INCH PJ X 2 INCH PJ X 2 INCH PJ (38216)	170.00	170.00
75	1.00	ONLY	0770 TEE, MULTI-SERVICE, TO HAVE AN INLET OF FEMALE IRON PIPE AND OUTLET OF	42.25	42.25

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
76	5,200.00	ONLY	SIX (6) FEMALE IRON PIPE; FORD #T11-674 1-2 INCH FIP (BOTTOM) X 6-1 INCH FIP (PERIMETER) 0780 VALVE, METER, BALL VALVE, TO HAVE AN INLET OF PACK JOINT COMPRESSION TYPE	42.70	222,040.00
77	415.00	ONLY	FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE METER NUT COUPLER, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS; FORD #B43-332W 3/4 INCH X 5/8 INCH X 3/4 INCH P/J/MTR (38082) 0790 VALVE, METER, BALL VALVE, TO HAVE AN INLET OF PACK JOINT COMPRESSION TYPE	66.00	27,390.00
78	210.00	ONLY	FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE METER NUT COUPLER, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS; FORD #B43-444W 1 INCH P/J/MTR (38092) 0800 VALVE, METER, BALL VALVE, TO HAVE AN INLET OF PACK JOINT COMPRESSION TYPE	199.00	41,790.00
79	365.00	ONLY	FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF OVAL METER FLANGE, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS; FORD #BF43-777W 2 INCH P/J/MTR (38097) 0810 VALVE, METER, BALL VALVE, 90 DEGREES TO HAVE AN INLET OF PACK JOINT	49.30	17994.50
80	35.00	ONLY	COMPRESSION TYPE FITTING WITH CLAMPING/ SET SCREW AND AN OUTLET OF FEMALE METER NUT COUPLER, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #BA43-332W; 3/4 INCH X 5/8 INCH X 3/4 INCH P/J/MTR (38125) 0820 VALVE, METER, BALL VALVE, 90 DEGREES TO HAVE AN INLET OF PACK JOINT	73.25	2563.75
81	12.00	ONLY	COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF FEMALE METER NUT COUPLER, TO HAVE LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #BA43-444W; 1 INCH P/J/MTR (38126) 0830 VALVE, METER, BALL VALVE, 90 DEGREES TO HAVE AN INLET OF PACK JOINT	156.00	1872.00

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
82	100.00	ONLY	COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW AND AN OUTLET OF OVAL METER FLANGE WITH A LARGE RAISED RECTANGULAR KEYWAY WITH PADLOCK WINGS FORD #FV43-777W; 2 INCH PJ/FLG (38127)	48.90	4890.00
83	1.00	ONLY	0840 WYE (X), TO HAVE AN INLET AND FOUR OUTLETS OF FEMALE IRON PIPE FORD #Y11-474 1-2 INCH FIP X 4-1 INCH FIP (38070)	48.90	48.90
84	2.00	ONLY	0860 WYE (Y), TO HAVE TWO INLETS AND AN OUTLET OF MALE IRON PIPE; MUELLER #H-10070 2-3/4 INCH MIP X 1-1 INCH MIP	24.95	49.90
85	1.00	ONLY	0860 WYE (Y), TO HAVE AN INLET AND TWO OUTLETS OF PACK JOINT COMPRESSION TYPE FITTING WITH CLAMPING SET SCREW FORD #Y44-243 1-1 INCH PJ X 2-3/4 INCH PJ	.14	.14
86	1.00	ONLY	0870 GASKET, BLIND, FOR 3/4 INCH WATER METER, TO BE MADE OF VULCANIZED FIBER MATERIAL FOR USE ON POTABLE WATER 1-5/32 INCH O.D. X 1/16 INCH THICK (22075)	.14	.14
87	5,000.00	ONLY	0880 GASKET, BLIND, FOR 1 INCH WATER METER, TO BE MADE OF VULCANIZED FIBER MATERIAL FOR USE ON POTABLE WATER 1-1/2 INCH O.D. X 1/16 INCH THICK (22095)	.10	500.00
88	1,700.00	ONLY	0890 GASKET, RING (FIBER), FOR 3/4 INCH WATER METER, TO BE MADE OF VULCANIZED FIBER MATERIAL FOR USE ON POTABLE WATER 1-5/32 INCH O.D. X 23/32 INCH I.D. X 1/6 INCH THICK (22070)	.10	170.00
89	21,000.00	ONLY	0900 GASKET, RING (FIBER), FOR 1 INCH WATER METER, TO BE MADE OF VULCANIZED FIBER MATERIAL FOR USE ON POTABLE WATER 1-1/2 INCH O.D. X 1 INCH I.D. X 1/16 INCH THICK (22090)	.12	2520.00

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
90	1,500.00	ONLY	3/4 INCH WATER METER, TO BE MADE OF NEOPRENE MATERIAL FOR USE ON POTABLE WATER; 1-5/32 INCH O.D. X 25/32 INCH I.D. X 1/8 INCH THICK (22080)	.12	180.00
91	1,200.00	ONLY	0920 GASKET, RING (METER COUPLING), FOR 1 INCH WATER METER, TO BE MADE OF NEOPRENE MATERIAL FOR USE ON POTABLE WATER; 1-1/2 INCH O.D. X 1 INCH I.D. X 1/8 INCH THICK (22100)	.25	300.00
92	400.00	ONLY	0930 GASKET, RING (YOKE BOX), FOR 3/4 INCH YOKE BOX EXPANSION CONNECTOR, TO BE MADE OF NEOPRENE MATERIAL FOR USE ON POTABLE WATER; FORD #GT 118 1-11/32 INCH O.D. X 26/32 INCH I.D. X 1/8 INCH THICK (22074)	.72	288.00
93	56.00	ONLY	0940 GASKET, DROP-IN FOR 2 INCH FLANGE (OVAL) WATER METER, TO BE MADE OF TWO-PLY NEOPRENE MATERIAL FOR USE ON POTABLE WATER; 3-15/16 INCH O.D. X 2-1/4 INCH I.D. X 1/8 INCH THICK WITH EARS TO SET ON TOP OF FLANGE BOLTS, TWO-PLY (38390)	5.25	294.00
94	1.00	ONLY	0950 BUSHING, TO HAVE AN INLET OF MALE IRON PIPE THREAD AND AN OUTLET OF FEMALE IRON PIPE THREAD 1 INCH MIP X 3/4 INCH FIP (37114)	15.69	15.69
95	1.00	ONLY	0960 BUSHING, TO HAVE AN INLET OF MALE IRON PIPE THREAD AND AN OUTLET OF FEMALE IRON PIPE THREAD 2 INCH MIP X 1 INCH FIP (37125)	3.58	3.58
96	1.00	ONLY	0970 CAP, OF FEMALE IRON PIPE THREAD 3/4 INCH FIP (37154)	6.50	6.50
97	1.00	ONLY	0980 CAP, OF FEMALE IRON PIPE THREAD 1 INCH FIP (37155)	25.79	25.79
			0990 CAP, OF FEMALE IRON PIPE THREAD 2 INCH FIP (37158)		

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
98	2.00	ONLY	1000 COUPLING, OF FEMALE IRON PIPE THREAD; 3/4 INCH FIP (37206)	5.00	10.00
99	1.00	ONLY	1010 COUPLING, OF FEMALE IRON PIPE THREAD; 1 INCH FIP (37209)	8.58	8.58
100	3.00	ONLY	1020 COUPLING, OF FEMALE IRON PIPE THREAD; 2 INCH FIP (37218)	30.82	92.46
101	1.00	ONLY	1030 CROSS, OF FEMALE IRON PIPE THREAD 3/4 INCH FIP (37254)	15.00	15.00
102	1.00	ONLY	1040 CROSS, OF FEMALE IRON PIPE THREAD 1 INCH FIP (37256)	20.96	20.96
103	1.00	ONLY	1050 CROSS, OF FEMALE IRON PIPE THREAD 2 INCH FIP (37267)	35.47	35.47
104	1.00	ONLY	1060 ELBOW, 45 DEGREE, OF FEMALE IRON PIPE THREAD; 3/4 INCH FIP (37304)	7.48	7.48
105	1.00	ONLY	1070 ELBOW, 45 DEGREE, OF FEMALE IRON PIPE THREAD; 1 INCH FIP (37305)	12.75	12.75
106	1.00	ONLY	1080 ELBOW, 45 DEGREE, OF FEMALE IRON PIPE THREAD; 2 INCH FIP (37308)	41.24	41.24
107	1.00	ONLY	1090 ELBOW, 90 DEGREE, OF FEMALE IRON PIPE THREAD; 3/4 INCH FIP (37359)	5.73	5.73
108	1.00	ONLY	1100 ELBOW, 90 DEGREE, OF FEMALE IRON PIPE THREAD; 1 INCH FIP (37363)	9.32	9.32
109	18.00	ONLY	1110 ELBOW, 90 DEGREE, OF FEMALE IRON PIPE THREAD; 2 INCH FIP (37376)	30.00	540.00
110	1.00	ONLY	1120 ELBOW, STREET, 45 DEGREE, TO HAVE FEMALE IRON PIPE THREAD ON ONE END, AND	9.76	9.76

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
111	1.00	ONLY	MALE IRON PIPE THREAD ON THE OTHER END 3/4 INCH FIP/MIP (37404) 1130 ELBOW, STREET, 45 DEGREE, TO HAVE FEMALE IRON PIPE THREAD ON ONE END, AND	12.91	12.91
112	1.00	ONLY	MALE IRON PIPE THREAD ON THE OTHER END 1 INCH FIP/MIP (37405) 1140 ELBOW, STREET, 45 DEGREE, TO HAVE FEMALE IRON PIPE THREAD ON ONE END, AND	59.24	59.24
113	1.00	ONLY	MALE IRON PIPE THREAD ON THE OTHER END 2 INCH FIP/MIP (37408) 1150 ELBOW, STREET, 90 DEGREE, TO HAVE FEMALE IRON PIPE THREAD ON ONE END, AND	7.89	7.89
114	1.00	ONLY	MALE IRON PIPE THREAD ON THE OTHER END 3/4 INCH FIP/MIP (37454) 1160 ELBOW, STREET, 90 DEGREE, TO HAVE FEMALE IRON PIPE THREAD ON ONE END, AND	12.91	12.91
115	1.00	ONLY	MALE IRON PIPE THREAD ON THE OTHER END 1 INCH FIP/MIP (37455) 1170 ELBOW, STREET, 90 DEGREE, TO HAVE FEMALE IRON PIPE THREAD ON ONE END, AND	43.71	43.71
116	1.00	ONLY	MALE IRON PIPE THREAD ON THE OTHER END 2 INCH FIP/MIP (37459) 1180 NIPPLE, ALL MALE IRON PIPE THREAD 3/4 INCH MIP X 1-1/2 INCH MIP (37580)	1.29	1.29
117	1.00	ONLY	1190 NIPPLE, ALL MALE IRON PIPE THREAD 3/4 INCH MIP X 2 INCH MIP (37582)	1.54	1.54
118	1.00	ONLY	1200 NIPPLE, ALL MALE IRON PIPE THREAD 3/4 INCH MIP X 3 INCH MIP (37584)	2.05	2.05
119	1.00	ONLY	1210 NIPPLE, ALL MALE IRON PIPE THREAD 1 INCH MIP X CLOSE MIP (37600)	1.80	1.80
120	2.00	ONLY	1220 NIPPLE, ALL MALE IRON PIPE THREAD 1 INCH MIP X 2 INCH MIP (37601)	2.22	4.44

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
121	1.00	ONLY	1230 NIPPLE, ALL MALE IRON PIPE THREAD 1 INCH MIP X 4 INCH MIP (37605)	3.87	3.87
122	1.00	ONLY	1240 NIPPLE, ALL MALE IRON PIPE THREAD 2 INCH MIP X CLOSE MIP (37660)	5.37	5.37
123	1.00	ONLY	1250 NIPPLE, ALL MALE IRON PIPE THREAD 2 INCH MIP X 4 INCH MIP (37664)	8.75	8.75
124	1.00	ONLY	1260 REDUCER, ALL FEMALE IRON PIPE THREAD; 1 INCH FIP X 3/4 INCH FIP	9.82	9.82
125	1.00	ONLY	1270 REDUCER, ALL FEMALE IRON PIPE THREAD; 2 INCH FIP X 1 INCH FIP	43.15	43.15
126	1.00	ONLY	1280 TEE, ALL FEMALE IRON PIPE THREAD 3/4 INCH FIP X 3/4 INCH FIP X 3/4 INCH FIP (37814)	7.15	7.15
127	1.00	ONLY	1290 TEE, ALL FEMALE IRON PIPE THREAD 1 INCH FIP X 1 INCH FIP X 1 INCH FIP (37823)	12.91	12.91
128	1.00	ONLY	1300 TEE, ALL FEMALE IRON PIPE THREAD 1 INCH FIP X 1 INCH FIP X 3/4 INCH FIP (37832)	20.33	20.33
129	2.00	ONLY	1310 TEE, ALL FEMALE IRON PIPE THREAD 2 INCH FIP X 2 INCH FIP X 2 INCH FIP (37860)	41.50	83.00
130	1.00	ONLY	1320 TEE, ALL FEMALE IRON PIPE THREAD 2 INCH FIP X 2 INCH FIP X 3/4 INCH FIP (37870)	24.50	24.50
131	1.00	ONLY	1330 TEE, ALL FEMALE IRON PIPE THREAD 2 INCH FIP X 2 INCH FIP X 1 INCH FIP (37871)	64.00	64.00

REVISED PER ADDENDUM #1

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123639

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
132	1.00	ONLY	1340 UNION, ALL FEMALE IRON PIPE THREAD; 3/4 INCH FIP (37904)	17.48	17.48
133	1.00	ONLY	1350 UNION, ALL FEMALE IRON PIPE THREAD; 1 INCH FIP (37906)	26.35	26.35
134	1.00	ONLY	1360 UNION, ALL FEMALE IRON PIPE THREAD; 2 INCH FIP (37908)	61.00	61.00
135	1.00	ONLY	1370 TEE, 2 INCH PACK JOINT X 2 INCH	88.28	88.28
136	5.00	ONLY	PACK JOINT X 3/4 INCH FEMALE IRON PIPE THREAD (38100) 1380 TEE, 2 INCH PACK JOINT X 2 INCH PACK JOINT X 3/4 INCH CC (38101)	86.00	430.00

REVISED PER ADDENDUM #1

#146184

Form W-9
(Rev. December 2014)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

1. Name (as shown on your income tax return). Name is required on this line, do not leave this line blank.
Ferguson Enterprises Inc.

2. Business or other-organized entity name, if different from above
Pollard water

3. Check appropriate box for federal tax classification; check only one of the following seven boxes:
 Individual proprietor or single-member LLC
 C Corporation
 S Corporation
 Partnership
 Trust/estate
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) **>**
Note: For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
 Check other instructions **>**

4. Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
 Exempt payee code (if any) _____
 Exemption from FATCA reporting code (if any) _____
(Applies to accounts maintained outside the U.S.)

5. Address (number, street, and apt. or suite no.)
200 Atlantic Avenue

6. City, state, and ZIP code
New Hyde Park, NY 11040

7. List any other addresses here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I Instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number

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or

Employer identification number

5	4	-	1	2	1	1	7	7	1
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Note. If the amount is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you were required to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person **>**  Date **>** **6/16/17**

General Instructions

Section references refer to the Internal Revenue Code unless otherwise noted.
 Future developments. For complete details about developments affecting Form W-9 (such as legislation enacted after the date of this issue) is at www.irs.gov/w9.

Purpose of form

An individual or other U.S. person who is required to file an information return with the IRS must obtain the correct taxpayer identification number (TIN) which will be used to report the interest or dividend (SSN), individual taxpayer identification number (ITIN), or employer identification number (EIN) on an information return. Examples of information returns include the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC, various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (bank or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (sales of real estate transactions)
- Form 1099-R (pensions and other party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

ITEM #	PART #	MANUFACTURER
1	C1433NL	FORD
2	C1444NL	FORD
3	C1477NL	FORD
4	C8433NL	FORD
5	C8444NL	FORD
6	C8477NL	FORD
7	BBAA43NL	FORD
8	BBAA73NL	FORD
9	BBAA74NL	FORD
10	BBAI31NL	FORD
11	BBAI43NL	FORD
12	BBAI74NL	FORD
13	BBAI75NL	FORD
14	EC23NL	FORD
15	FB10003NL	FORD
16	FB10004NL	FORD
17	FB10007NL	FORD
18	FB16003NL	FORD
19	FB16004NL	FORD
20	FB16007NL	FORD
21	FB11003NL	FORD
22	FB11004NL	FORD
23	FB11007NL	FORD
24	C3123NL	FORD
25	C3144NL	FORD
26	CF3177NL	FORD
27	C382325NL	FORD
28	C38442625NL	FORD
29	CF38772125NL	FORD
30	CF3177NL	FORD
31	CF38771937NL	FORD
32	C2423NL	FORD
33	C3444NL	FORD
34	CF3477NL	FORD
35	CF3477NL	FORD
36	C4433NL	FORD
37	C4444NL	FORD
38	C4477NL	FORD
39	C4434NL	FORD
40	C4533NL	FORD
41	C4544NL	FORD
42	C4577NL	FORD
43	B11333WNL	FORD
44	B1444WNL	FORD
45	B11777WNL	FORD
46	B44333WNL	FORD

47 B44444WNL	FORD
48 B44777WNL	FORD
49 B41333WNL	FORD
50 B41444WNL	FORD
51 B41777WNL	FORD
52 L4433NL	FORD
53 L4444NL	FORD
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55 L1433NL	FORD
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57 L8433NL	FORD
58 L8444NL	FORD
59 L3123NL	FORD
60 L3144NL	FORD
61 L3823NL	FORD
62 L3844NL	FORD
63 L3423NL	FORD
64 L3444NL	FORD
65 NGD4	FORD
66 NGF4	FORD
67 NGK4	FORD
68 CSP3ANL	FORD
69 CSP4ANL	FORD
70 CSP7ANL	FORD
71 T444333NL	FORD
72 T444334NL	FORD
73 T444443NL	FORD
74 T444444NL	FORD
75 T444777NL	FORD
76 T11674NL	FORD
77 B43332WNL	FORD
78 B43444WNL	FORD
79 BF43777WNL	FORD
80 BA42332WNL	FORD
81 BA43444WNL	FORD
82 FV43777WNL	FORD
83 Y11474NL	FORD
84 H10070	MUELLER
85 Y44243NL	FORD
86 BFP3	BUY WHOLESale
87 BFP4	BUY WHOLESale
88 BF316	BUY WHOLESale
89 BF116	BUY WHOLESale
90 BR308	BUY WHOLESale
91 BR108	BUY WHOLESale
92 GT118	FORD
93 GT141	FORD

94	BRLFBGF	MERIT
95	BRLFBKG	MERIT
96	BRLFCAPF	MERIT
97	BRLFCAPG	MERIT
98	BRLFCAPK	MERIT
99	BRLFCF	MERIT
100	BRLFCG	MERIT
101	BRLFCK	MERIT
102	BRLFCRF	MERIT
103	BRLFCRG	MERIT
104	BRLFCRK	MERIT
105	BRLF4F	MERIT
106	BRLF4G	MERIT
107	BRLF4K	MERIT
108	BRLF9F	MERIT
109	BRLF9G	MERIT
110	BRLF9K	MERIT
111	BRLFS4F	MERIT
112	BRLFS4G	MERIT
113	BRLFS4K	MERIT
114	BRLFS9F	MERIT
115	BRLFS9G	MERIT
116	BRLFS9K	MERIT
117	GBRNFCL	MERIT
118	GBRNFK	MERIT
119	GBRNFM	MERIT
120	GBRNGCL	MERIT
121	GBRNGK	MERIT
122	GBRNGP	MERIT
123	GBRNKCL	MERIT
124	GBRNKP	MERIT
125	BRLFRCGF	MERIT
126	BRLFRCKG	MERIT
127	BRLFTF	MERIT
128	BRLFTG	MERIT
129	BRLFTGF	MERIT
130	BRLFTK	MERIT
131	BRLFTKF	MERIT
132	BRLFTKG	MERIT
133	BRLF15OUF	MERIT
134	BRLF15OUG	MERIT
135	BRLF15OUK	MERIT
136	T441773NL	FORD
137	T441774NL	FORD

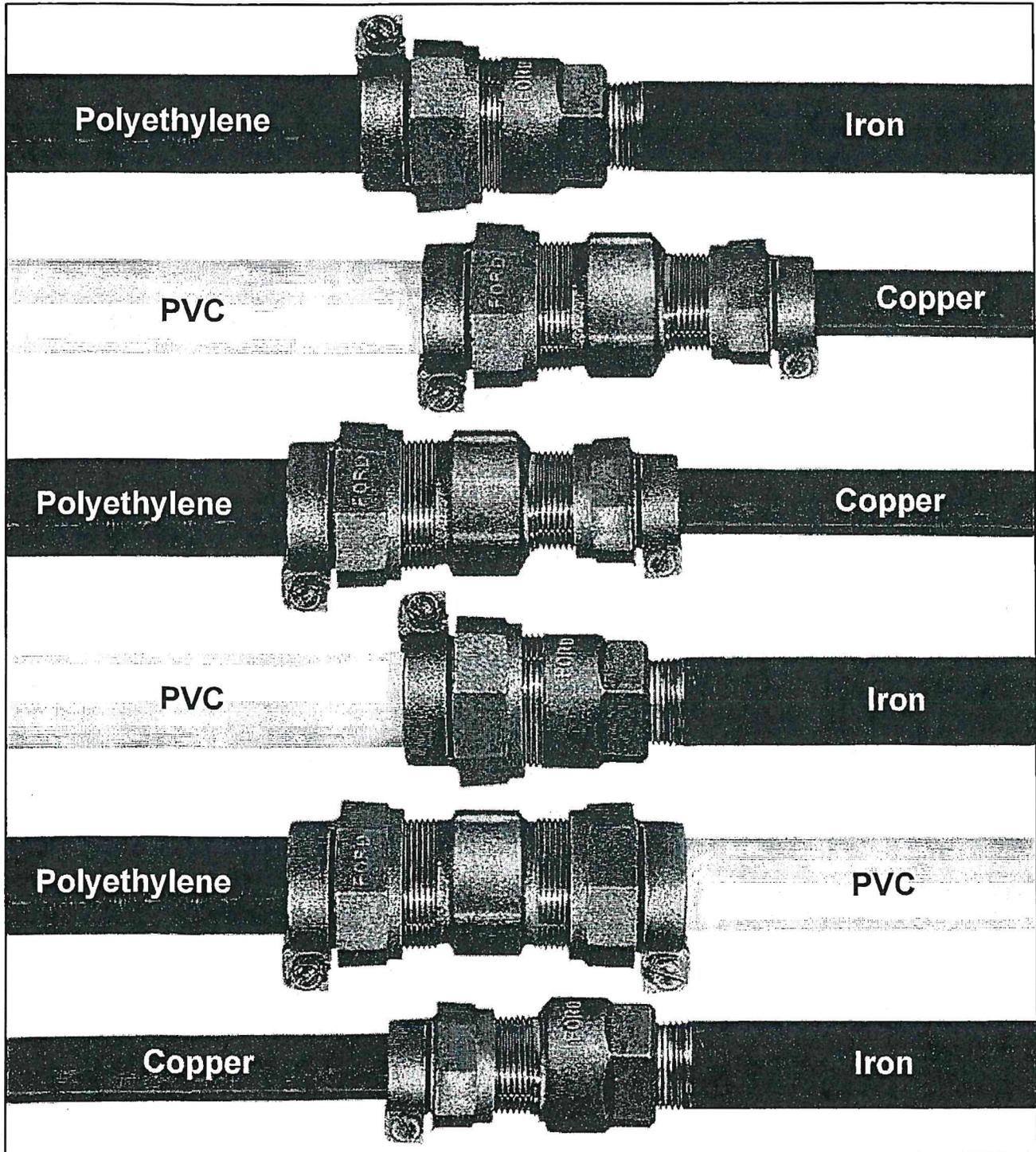
FORD

Pack Joints

Product Application

01/2007

Ford Pack Joints - Any Pipe, Any Combination

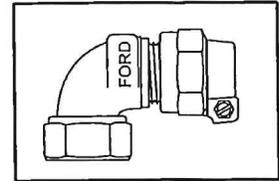


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Telephone: 260-563-3171 FAX: 800-826-3487 Overseas FAX: 260-563-0167 <http://www.fordmeterbox.com>

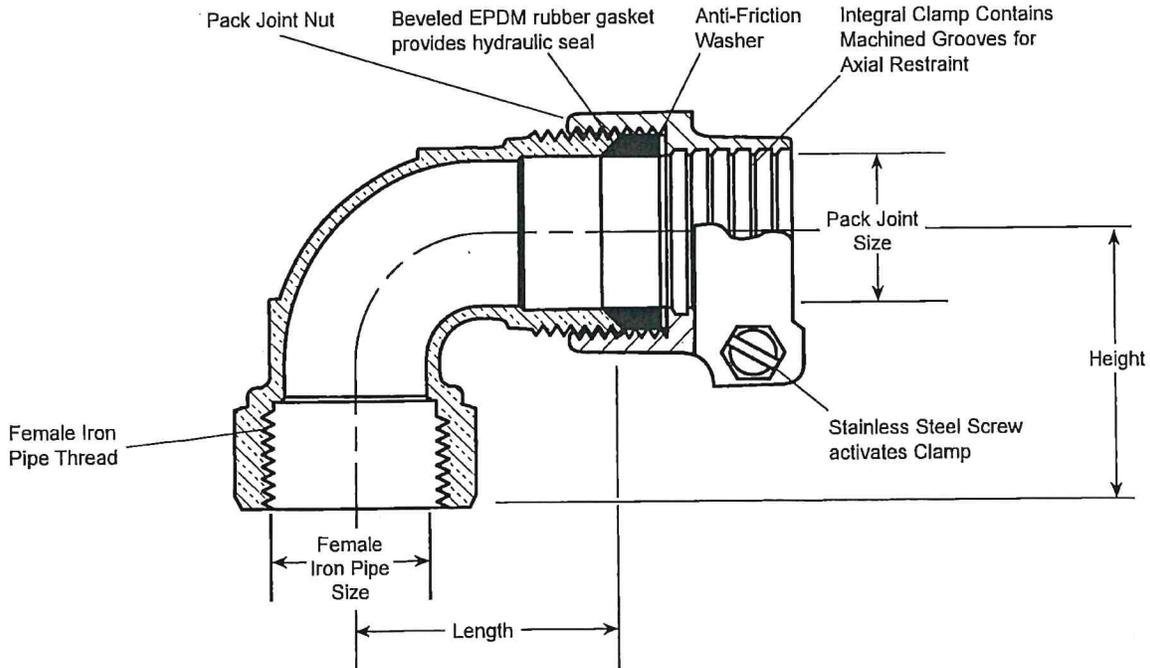
Chapter 1

SUBMITTAL INFORMATION

Pack Joint Ell Coupling - (L14-xx-NL style)



FEMALE IRON PIPE THREAD BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)



DESCRIPTION		LENGTH	HEIGHT	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
FEMALE IRON PIPE	P.J. FOR CTS					
3/4"	3/4"	1-1/2"	1-13/16"	1.0	L14-33-NL	
1"	3/4"	1-3/4"	1-7/8"	.9	L14-43-NL	
1"	1"	2-5/16"	1-7/8"	1.4	L14-44-NL	
1-1/4"	1"	2-5/16"	1-7/8"	1.2	L14-54-NL	
1-1/2"	1-1/2"	2-3/4"	2-7/8"	3.3	L14-66-NL	
2"	2"	3-1/4"	3-7/16"	6.7	L14-77-NL	

Note: Ford recommends insert stiffeners when using plastic pipe or tubing



FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61 and Annex G

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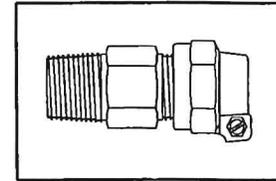
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Submitted By:

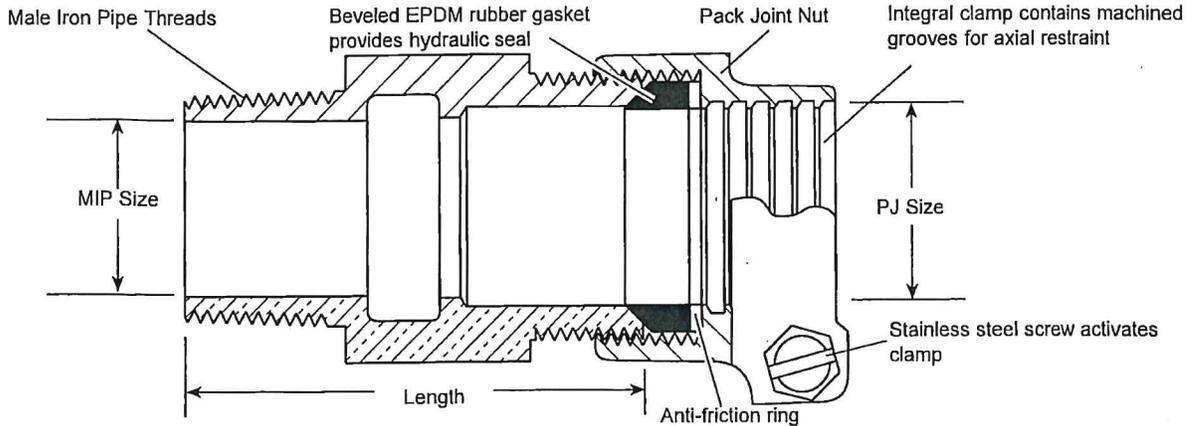
Group 1

SUBMITTAL INFORMATION

Pack Joint Coupling - (C84-xx-NL style)



MALE IRON PIPE BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)



DESCRIPTION		LENGTH	APPROX. Wt. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
MALE IRON PIPE	P.J. FOR CTS				
1/2"	1/2"	2"	0.5	C84-11-NL	
1/2"	5/8"	2-1/16"	0.8	C84-12-NL	
1/2"	3/4"	2-1/16"	0.8	C84-13-NL	
3/4"	1/2"	2"	0.8	C84-31-NL	
3/4"	5/8"	-	0.7	C84-32-NL	
3/4"	3/4"	2-1/4"	0.6	C84-33-NL	
3/4"	1"	2-3/8"	0.7	C84-34-NL	
1"	5/8"	-	0.7	C84-42-NL	
1"	3/4"	2-3/8"	0.7	C84-43-NL	
1"	1"	2-9/16"	0.8	C84-44-NL	
1"	1-1/4"	2-1/2"	1.2	C84-45-NL	
1"	1-1/2"	2-9/16"	1.8	C84-46-NL	
1-1/4"	1"	2-9/16"	1.4	C84-54-NL	
1-1/4"	1-1/4"	2-9/16"	1.4	C84-55-NL	
1-1/4"	1-1/2"	3-1/4"	1.8	C84-56-NL	
1-1/2"	1-1/2"	3-1/4"	2.0	C84-66-NL	
1-1/2"	2"	2-15/16"	2.6	C84-67-NL	
2"	2"	3-1/4"	3.1	C84-77-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Sleeve design provides hexagonal wrench flats for proper installation

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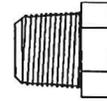
02/09/15

Submitted By:

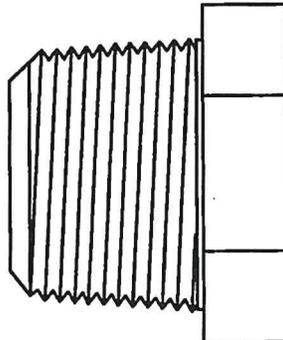
Group 2

SUBMITTAL INFORMATION

Brass Bushings for Corporation Stop Inlets - (BBAA-xx-NL style)



MALE AWWA TAPER OUTSIDE THREAD BY FEMALE AWWA TAPER INSIDE THREAD



DESCRIPTION		APPROX. WT. LBS.	STD. PKG. QTY.	CATALOG NUMBER	✓ SUBMITTED ITEM(S)
OUTSIDE THREAD SIZE AND TYPE	INSIDE THREAD SIZE AND TYPE				
3/4" Male AWWA Taper Thread	1/2" Female AWWA Taper Thread	0.30	50	BBAA-31-NL	
1" Male AWWA Taper Thread	3/4" Female AWWA Taper Thread	0.45	36	BBAA-43-NL	
1-1/4" Male AWWA Taper Thread	3/4" Female AWWA Taper Thread	1.00	-	BBAA-53-NL	
1-1/2" Male AWWA Taper Thread	3/4" Female AWWA Taper Thread	1.25	10	BBAA-63-NL	
1-1/2" Male AWWA Taper Thread	1" Female AWWA Taper Thread	1.25	10	BBAA-64-NL	
2" Male AWWA Taper Thread	3/4" Female AWWA Taper Thread	2.20	8	BBAA-73-NL	
2" Male AWWA Taper Thread	1" Female AWWA Taper Thread	2.10	8	BBAA-74-NL	
2" Male AWWA Taper Thread	1-1/4" Female AWWA Taper Thread	1.80	8	BBAA-75-NL	
2" Male AWWA Taper Thread	1-1/2" Female AWWA Taper Thread	1.50	12	BBAA-76-NL	

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61 and Standard 61 Annex G (NSF/ANSI 372)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- Hexagonal wrench flats are provided for proper installation

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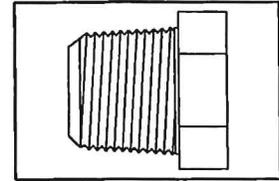
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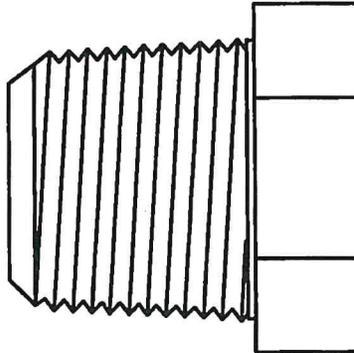
Group 2

SUBMITTAL INFORMATION

Brass Bushings for Corporation Stop Inlets - (BBAI-xx-NL style)



MALE AWWA TAPER OUTSIDE THREAD BY FEMALE IRON PIPE INSIDE THREAD



DESCRIPTION		APPROX. WT. LBS.	STD. PKG. QTY.	CATALOG NUMBER	✓ SUBMITTED ITEM(S)
OUTSIDE THREAD SIZE AND TYPE	INSIDE THREAD SIZE AND TYPE				
3/4" Male AWWA Taper Thread	1/2" Female Iron Pipe Thread	0.30	50	BBAI-31-NL	
1" Male AWWA Taper Thread	3/4" Female Iron Pipe Thread	0.45	30	BBAI-43-NL	
1-1/2" Male AWWA Taper Thread	1-1/4" Female Iron Pipe Thread	1.00	10	BBAI-65-NL	
2" Male AWWA Taper Thread	1-1/4" Female Iron Pipe Thread	1.81	8	BBAI-75-NL	
2" Male AWWA Taper Thread	1-1/2" Female Iron Pipe Thread	1.75	8	BBAI-76-NL	

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Hexagonal wrench flats are provided for proper installation

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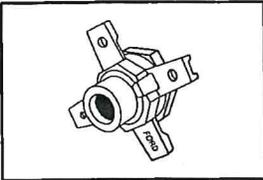
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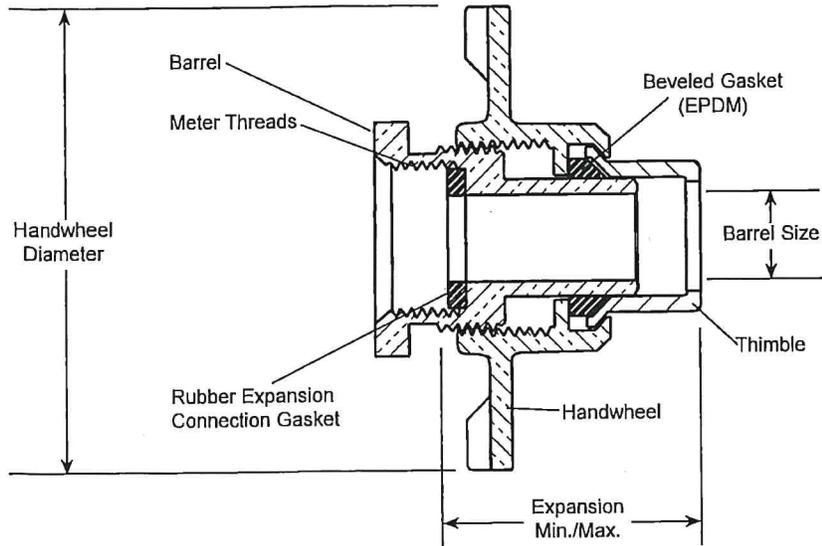
Group 3

SUBMITTAL INFORMATION

Expansion Connection - (EC-x-NL style)



HANDWHEEL TYPE



METER SIZE	BARREL SIZE	HANDWHEEL DIAMETER	EXPANSION		APPROX. Wt. Lbs.	CATALOG NUMBER	✓ SUBMITTED ITEM(S)
			MIN.	MAX.			
5/8"	19/32"	3-1/4"	1-7/16"	1-3/4"	0.7	EC-1-NL	
5/8"x3/4" & 3/4"	3/4"	3-1/2"	1-5/8"	2"	0.9	EC-23-NL	
1"	1"	4-1/4"	1-15/16"	2-3/8"	1.6	EC-4-NL	

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61 and Standard 61 Annex G (NSF/ANSI 372)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- Expansion Connection attaches to the meter. Together, they are installed as an expandable unit
- Meter and Expansion Connection unit can be installed or removed with one hand, without a wrench
- Enhanced security when the expansion connection is removed along with the meter
- Thimble nose piece does not rotate after contact with the rubber yoke end gasket. No "walking out."

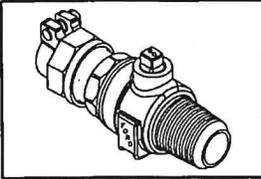
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FORD **The Ford Meter Box Company, Inc.**
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<http://www.fordmeterbox.com> 02/12/13

Submitted By: _____

Group 4

SUBMITTAL INFORMATION
Ballcorp Corporation Stops - (FB1000-xx-NL style)



AWWA/CC TAPER THREAD INLET BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) OUTLET

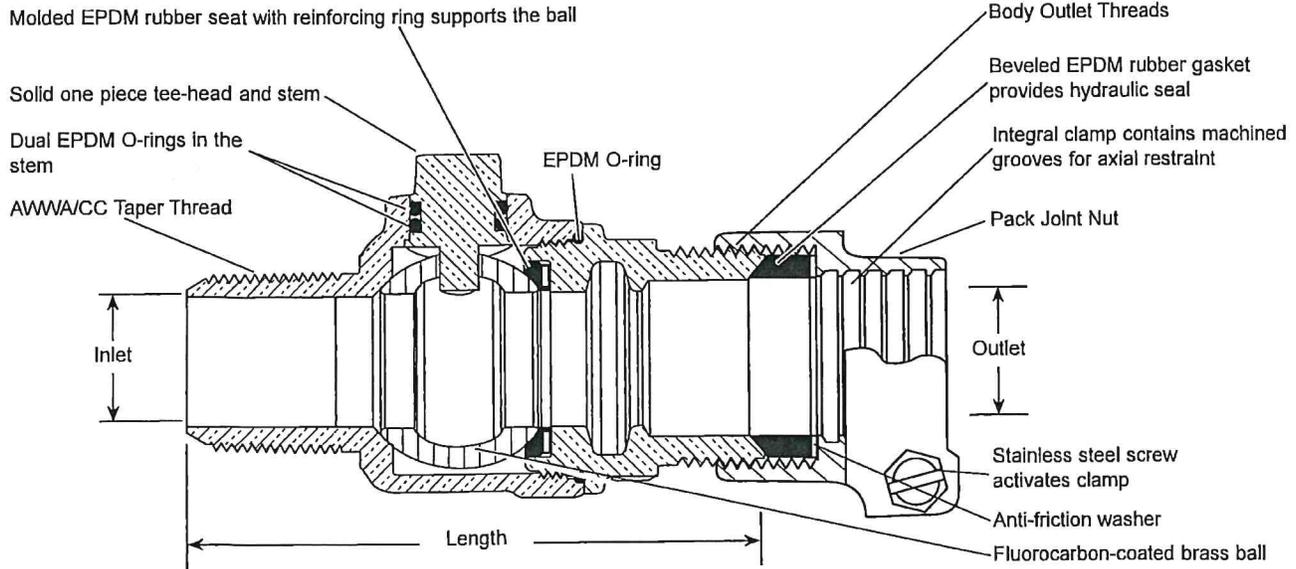


Image shown above is an FB1000-4-NL

VALVE SIZE	INLET SIZE	OUTLET SIZE	VALVE LENGTH	BODY OUTLET THREADS	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
3/4"	3/4"	3/4"	4-19/64"	3/4" Flare Copper	2.1	FB1000-3-NL	
3/4"	3/4"	1"	4-7/16"	1" Flare Copper	2.1	FB1000-34-NL	
1"	1"	1"	4-1/2"	1" Flare Copper	2.6	FB1000-4-NL	
1"	1"	1-1/4"	4-5/16"	1-1/4" Flare Copper	2.8	FB1000-45-NL	
1-1/4"	1-1/4"	1-1/4"	5-25/32"	1-1/4" Flare Copper	4.6	FB1000-5-NL	
1-1/2"	1-1/2"	1-1/2"	6-13/32"	1-1/2" Flare Copper	6.3	FB1000-6-NL	
1-1/2"	1-1/2"	2"	6-29/64"	2" Flare Copper	7.4	FB1000-67-NL	
2"	2"	2"	7-1/2"	2" Flare Copper	11.5	FB1000-7-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- 300 PSI working pressure

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12/02/15

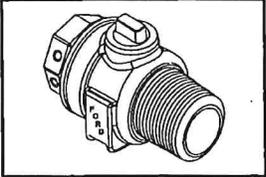
Submitted By:

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Group 4

SUBMITTAL INFORMATION

Ballcorp Corporation Stops - (FB1600-x-NL style)



AWWA/CC TAPER THREAD INLET BY FEMALE IRON PIPE OUTLET

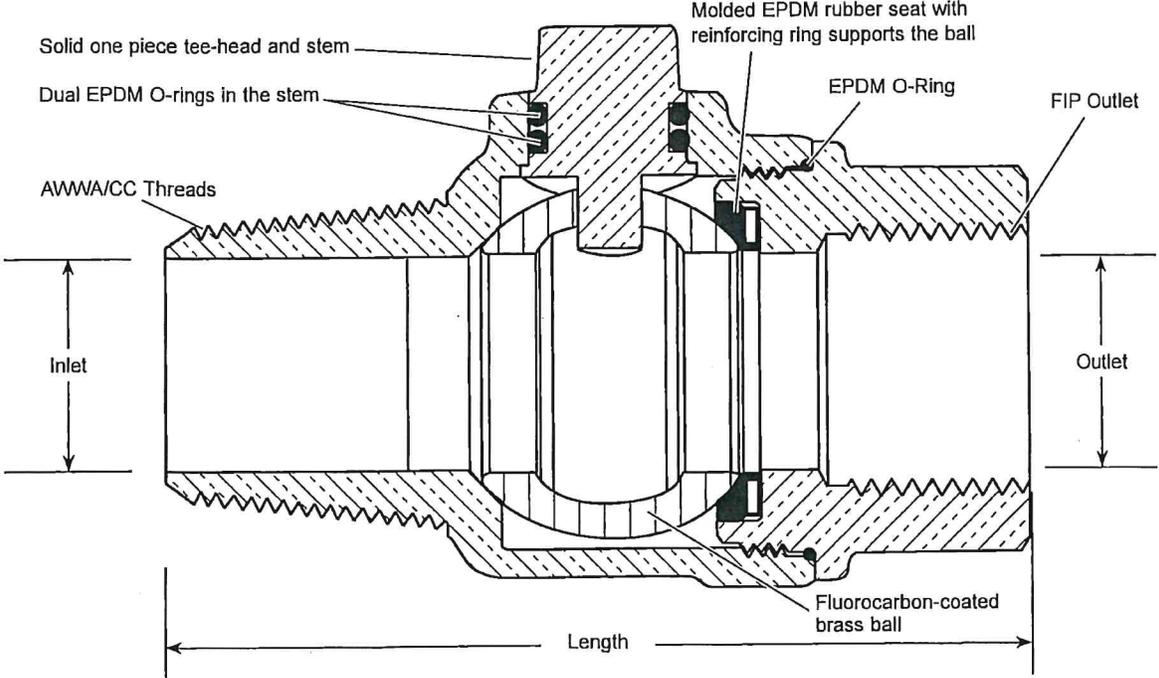


Image shown above is an FB1600-4-NL.

VALVE SIZE	INLET SIZE	OUTLET SIZE	VALVE LENGTH	BODY OUTLET THREADS	APPROX. WT. LBS.	PART NUMBER	✓ SUBMITTED ITEM(S)
3/4"	3/4"	3/4"	3-17/32"	3/4" FIP	1.5	FB1600-3-NL	
3/4"	3/4"	1"	3-51/64"	1" FIP	1.7	FB1600-34-NL	
1"	1"	1"	3-49/64"	1" FIP	2.3	FB1600-4-NL	
1-1/2"	1-1/2"	1-1/2"	5-3/32"	1-1/2" FIP	4.3	FB1600-6-NL	
2"	2"	2"	5-7/8"	2" FIP	6.8	FB1600-7-NL	
2"	2"	2-1/2"	6-3/8"	2-1/2" FIP	7.5	FB1600-78-NL	

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- 300 PSI working pressure

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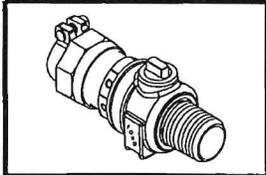
Submitted By: _____

12/09/15

Group 4

SUBMITTAL INFORMATION

Ballcorp Corporation Stops - (FB1100-x-NL style)



MALE IRON PIPE THREAD INLET BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) OUTLET

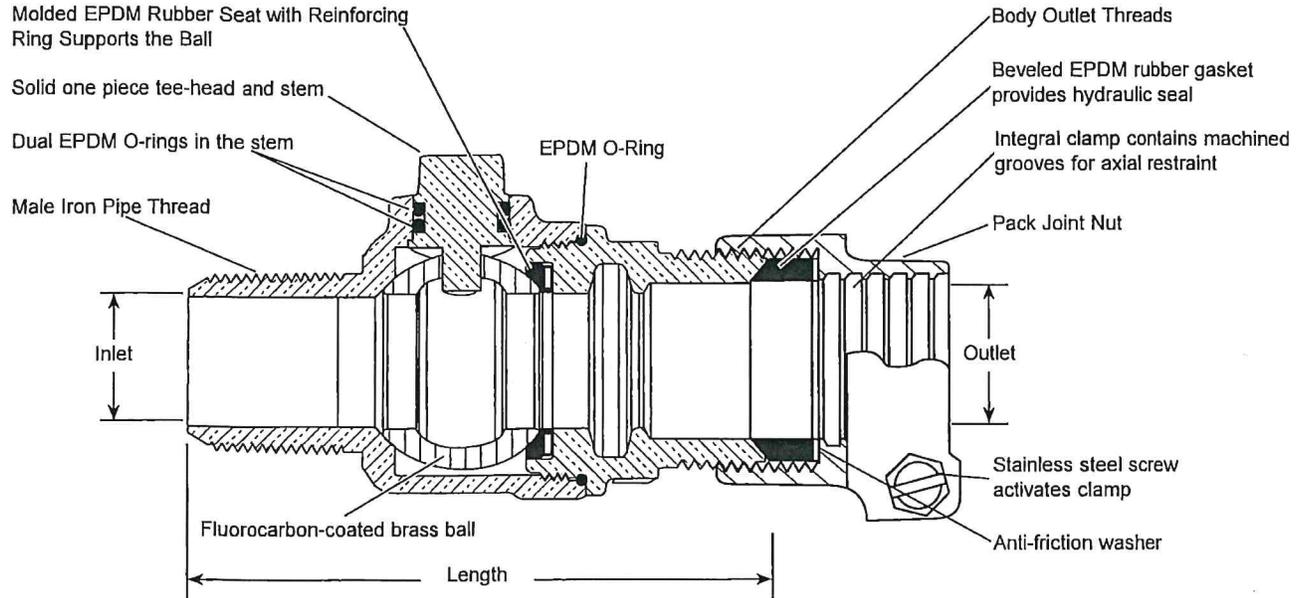


Image shown above is an FB1100-4-NL.

VALVE SIZE	INLET SIZE	OUTLET SIZE	VALVE LENGTH	BODY OUTLET THREADS	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
3/4"	3/4"	3/4"	4-19/64"	3/4" Flare Copper	1.6	FB1100-3-NL	
3/4"	3/4"	1"	4-7/16"	1" Flare Copper	1.8	FB1100-34-NL	
1"	1"	1"	4-1/2"	1" Flare Copper	2.2	FB1100-4-NL	
1"	1"	1-1/4"	4-5/16"	1-1/4" Flare Copper	3.3	FB1100-45-NL	
1-1/4"	1-1/4"	1-1/4"	5-25/32"	1-1/4" Flare Copper	4.5	FB1100-5-NL	
1-1/2"	1-1/2"	1-1/2"	6-25/64"	1-1/2" Flare Copper	6.1	FB1100-6-NL	
1-1/2"	1-1/2"	2"	6-25/64"	2" Flare Copper	8.3	FB1100-67-NL	
2"	2"	2"	7-1/2"	2" Flare Copper	9.8	FB1100-7-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- 300 PSI working pressure

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05/17/16

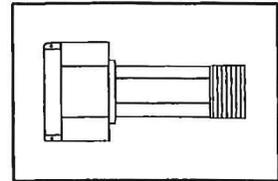
Submitted By:

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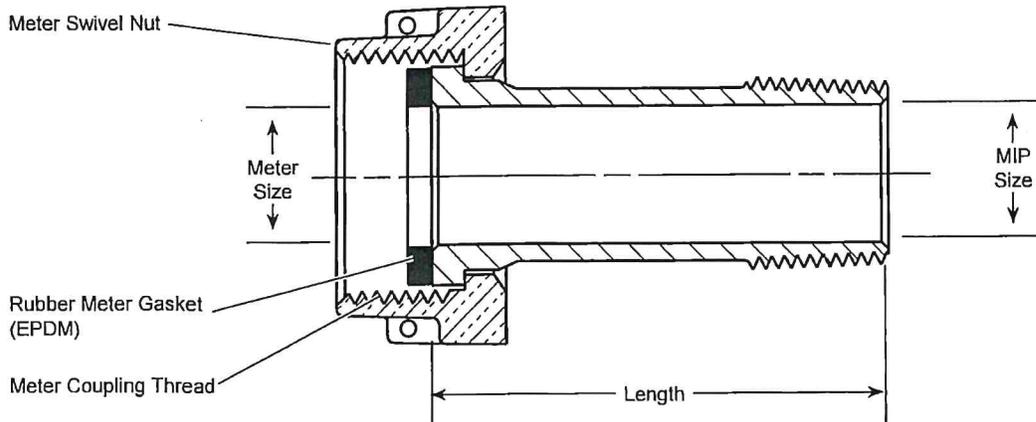
Sheet 5

SUBMITTAL INFORMATION

Straight Meter Coupling - (C38-xx-xx-NL style A)



METER SWIVEL NUT BY MALE IRON PIPE THREAD



METER SIZE	MIP SIZE	LENGTH	APPROX. Wt. Lbs	PART NUMBER	✓ SUBMITTED ITEM(S)
5/8"	1/2"	2"	.3	C38-11-2-NL	
5/8"	1/2"	2-3/16"	.4	C38-11-2-188-NL	
5/8"	1/2"	2-3/8"	.4	C38-11-2-375-NL	
5/8"x3/4" & 3/4"	3/4"	2"	.4	C38-23-2-NL	
5/8"x3/4" & 3/4"	3/4"	2-1/4"	.4	C38-23-2-25-NL	
5/8"x3/4" & 3/4"	3/4"	2-1/2"	.4	C38-23-2-5-NL	
5/8"x3/4" & 3/4"	3/4"	2-3/4"	.5	C38-23-2-75-NL	
5/8"x3/4" & 3/4"	3/4"	3"	.5	C38-23-3-NL	
5/8"x3/4" & 3/4"	3/4"	8-1/2"	1.0	C38-23-8-5-NL	
1"	1"	2-1/4"	.7	C38-44-2-25-NL	
1"	1"	2-5/8"	.8	C38-44-2-625-NL	
1"	1"	3-1/2"	.7	C38-44-3-5-NL	
1"	1"	8-1/2"	1.9	C38-44-8-5-NL	
1-1/4"	1"	2-3/4"	1.3	C38-54-2-75-NL	
1-1/2"	1-1/2"	2-7/8"	1.8	C38-66-2-875-NL	
2"	2"	2-1/4"	2.0	C38-77-2-25-NL	
2"	2"	3-1/16"	3.0	C38-77-NL	

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Style "A" Coupling is long body style with hex on barrel
- Slip-on Meter Swivel Nut
- Conforms to AWWA C700 for Meter Threads

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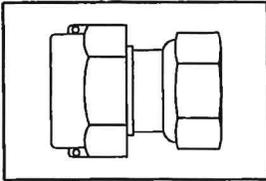
05/11/16

Submitted By:

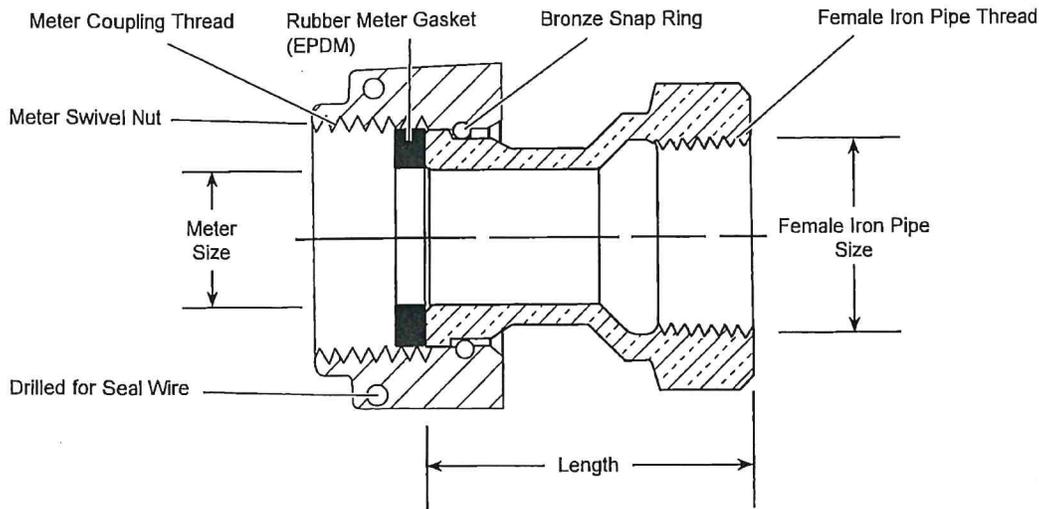
Draw 5

SUBMITTAL INFORMATION

Straight Meter Coupling - (C31-xx-NL style)



METER SWIVEL NUT BY FEMALE IRON PIPE THREAD



METER SIZE	FIP SIZE	LENGTH	APPROX. Wt. Lbs	PART NUMBER	✓ SUBMITTED ITEM(S)
5/8"	3/4"	1-15/16"	.6	▼ C31-13-NL	
5/8"x3/4" AND 3/4"	3/4"	1-25/32"	.7	▼ C31-23-NL	
5/8"x3/4" AND 3/4"	1"	1-15/16"	.8	▼ C31-24-NL	
1"	1"	2-5/16"	1.1	▼ C31-44-NL	
1"	1-1/4"	2-5/16"	1.1	C31-45-NL	

▼ Approved to ANSI/NSF Standard 61-2007a.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS C89833)
- The product has the letters "NL" cast into the body for proper identification
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B584, UNS C893600-85-5-5-5)
- Body design provides wrench flats to facilitate installation
- Conforms to AWWA C700 for Meter Threads

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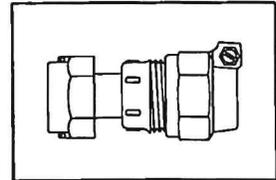
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 Overseas Fax: 260-563-0167
<http://www.fordmeterbox.com> 02/28/13

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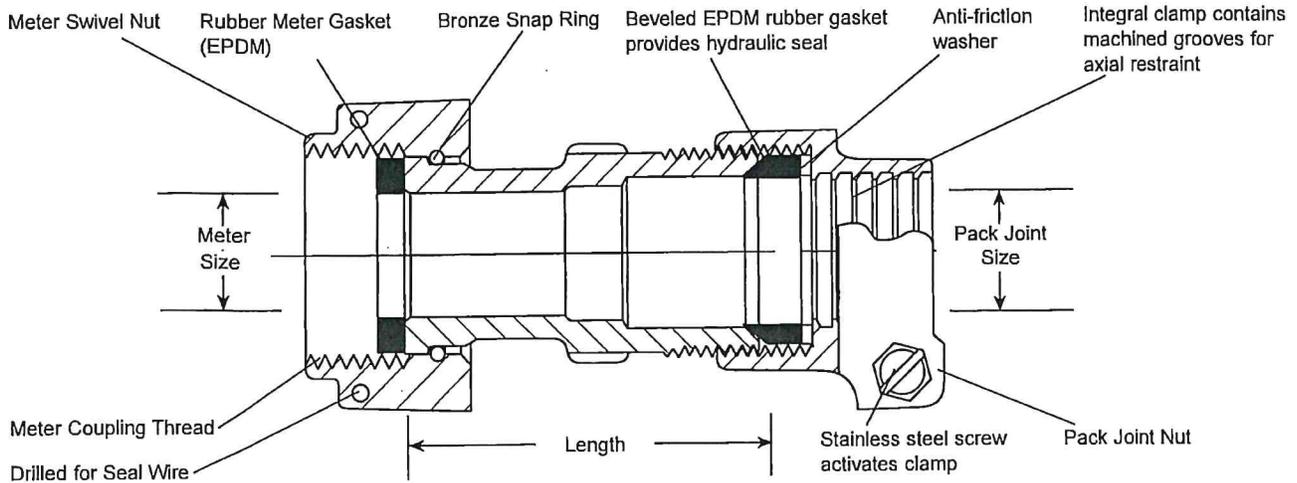
Shop 5

SUBMITTAL INFORMATION

Straight Meter Coupling - (C34-xx-NL style)



METER SWIVEL NUT BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)



METER SIZE	PACK JOINT SIZE	LENGTH	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
5/8"	1/2"	2-3/16"	.8	C34-11-NL	
5/8"	3/4"	2-1/16"	.8	C34-13-NL	
5/8"x3/4" AND 3/4"	1/2"	2-1/2"	.9	C34-21-NL	
5/8"x3/4" AND 3/4"	3/4"	2-3/16"	.8	C34-23-NL	
5/8"x3/4" AND 3/4"	1"	2"	.8	C34-24-NL	
1"	1"	2-1/2"	1.2	C34-44-NL	
1"	1-1/4"	2-3/4"	1.7	C34-45-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61 and Standard 61 Annex G (NSF/ANSI 372)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- Body design provides wrench lugs to facilitate installation
- Conforms to AWWA C700 for Meter Threads

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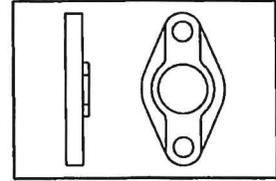
02/07/13

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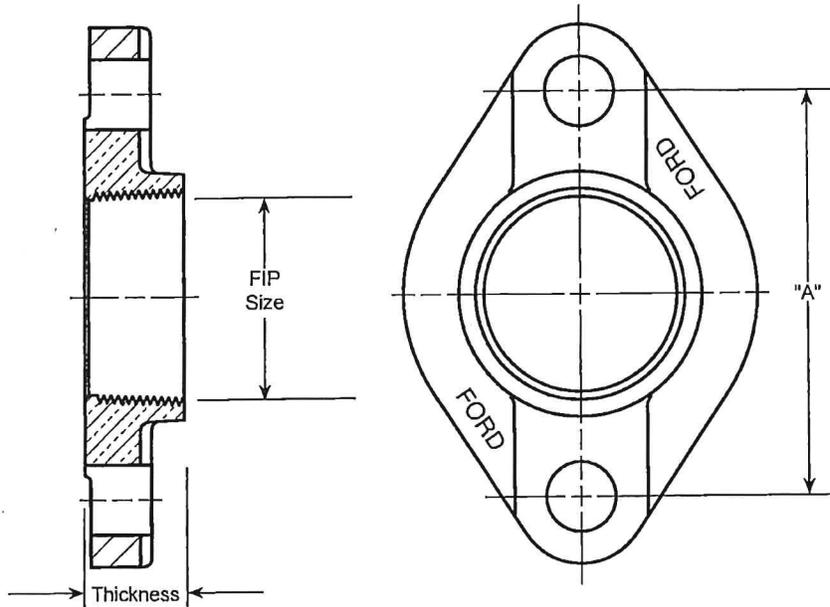
Group 5

SUBMITTAL INFORMATION

Meter Flange - (CF31-xx-NL style)



METER FLANGE BY FEMALE IRON PIPE THREAD



DESCRIPTION	THICKNESS	APPROX. WT. LBS	PART NUMBER	BOLT HOLE DIAMETER	DIMENSION "A"	✓ SUBMITTED ITEM(S)
1-1/2" Meter Flange x 1-1/2" Female IP	1"	2.4	▼ CF31-66-NL	11/16"	4"	
1-1/2" Meter Flange x 2" Female IP Thread	1"	1.9	▼ CF31-67-NL	11/16"	4"	
2" Meter Flange x 2" Female IP Thread	1-1/8"	3.0	▼ CF31-77-NL	13/16"	4-1/2"	
2" Meter Flange x 2-1/2" Female IP Thread	1-1/8"	2.6	CF31-78-NL	13/16"	4-1/2"	

▼ Approved to ANSI/NSF Standard 61 2007a

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- Add "-NL" to end of catalog number for item to be approved to ANSI/NSF Standard 61 and Annex G (372). "NL" items will be made from UNS/CDA No. C89833 alloy.
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- Drop-in meter gaskets are included with all 1-1/2" and 2" meter flanges
- The product has the letters "NL" cast into the main body for proper identification
- Optional slotted bolt holes on 2" flanges to accommodate 1-1/2" meters. Add "-SLOTTED" to end of catalog number.

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02/28/13

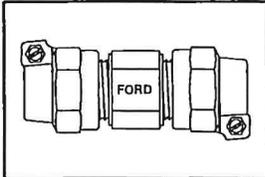
Submitted By:

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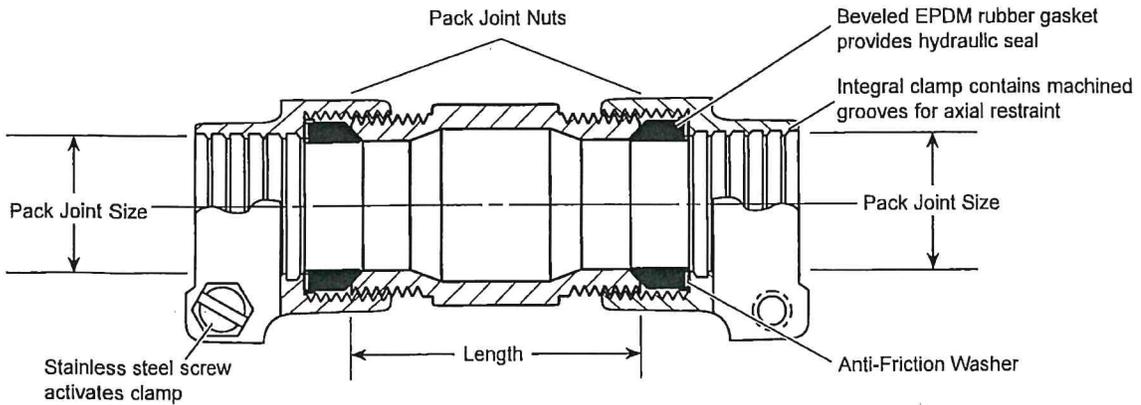
Shap 6

SUBMITTAL INFORMATION

Pack Joint Coupling - (C44-xx-NL style)



PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) BOTH ENDS



DESCRIPTION		LENGTH	APPROX. Wt. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
P.J. FOR CTS	P.J. FOR CTS				
1/2"	1/2"	1-7/8"	.7	C44-11-NL	
1/2"	5/8"	2"	.7	C44-12-NL	
1/2"	3/4"	2"	.8	C44-13-NL	
1/2"	1"	2-5/16"	.9	C44-14-NL	
5/8"	5/8"	2-3/32"	1.0	C44-22-NL	
5/8"	3/4"	2-3/32"	1.0	C44-23-NL	
3/4"	3/4"	2-3/32"	.9	C44-33-NL	
3/4"	1"	2-1/8"	1.0	C44-34-NL	
1"	1"	2-1/4"	1.1	C44-44-NL	
1"	1-1/4"	1-15/16"	1.5	C44-45-NL	
1"	1-1/2"	2-5/8"	2.1	C44-46-NL	
1-1/4"	1-1/4"	2-1/2"	1.5	C44-55-NL	
1-1/4"	1-1/2"	3-1/4"	2.8	C44-56-NL	
1-1/2"	1-1/2"	3-3/8"	3.0	C44-66-NL	
1-1/2"	2"	2-15/32"	3.5	C44-67-NL	
2"	2"	3-1/2"	4.5	C44-77-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Sleeve design provides hexagonal wrench flats for proper installation

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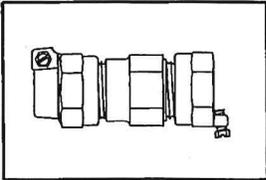
Submitted By: _____

05/07/14

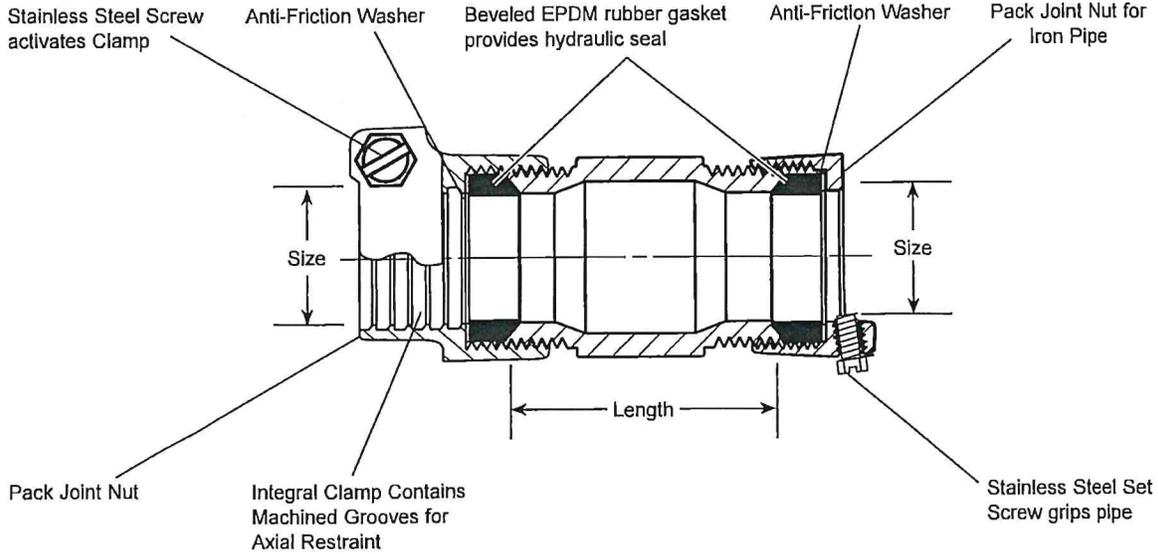
Shayle

SUBMITTAL INFORMATION

Pack Joint Coupling - (C45-xx-NL style)



PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) BY PACK JOINT FOR IRON PIPE



DESCRIPTION		LENGTH	APPROX WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
P.J. FOR CTS	P.J. FOR IP				
1/2"	1/2"	2"	.7	C45-11-NL	
1/2"	3/4"	2-5/16"	.8	C45-13-NL	
3/4"	1/2"	2-1/16"	.9	C45-31-NL	
3/4"	3/4"	2-1/8"	.9	C45-33-NL	
3/4"	1"	2-1/2"	1.3	C45-34-NL	
1"	3/4"	2-1/4"	1.0	C45-43-NL	
1"	1"	1-15/16"	1.2	C45-44-NL	
1"	1-1/4"	2-9/16"	1.6	C45-45-NL	
1-1/2"	1-1/2"	2-1/2"	2.9	C45-66-NL	
2"	2"	3"	4.2	C45-77-NL	

Note: Ford recommends insert stiffeners when using plastic pipe or tubing.



FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- Sleeve design provides larger, more rugged wrench flats for proper installation.
- UL Classified to ANSI/NSF Standard 61 and Annex G
- The product has the letters "NL" cast into the main body for proper identification

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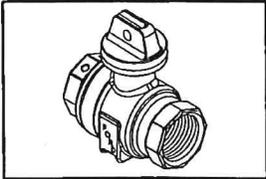
06/18/12

Submitted By:

Shop 7

SUBMITTAL INFORMATION

Ball Valve Curb Stop - (B11-xxx-NL style)



FEMALE IRON PIPE THREAD INLET BY FEMALE IRON PIPE THREAD OUTLET

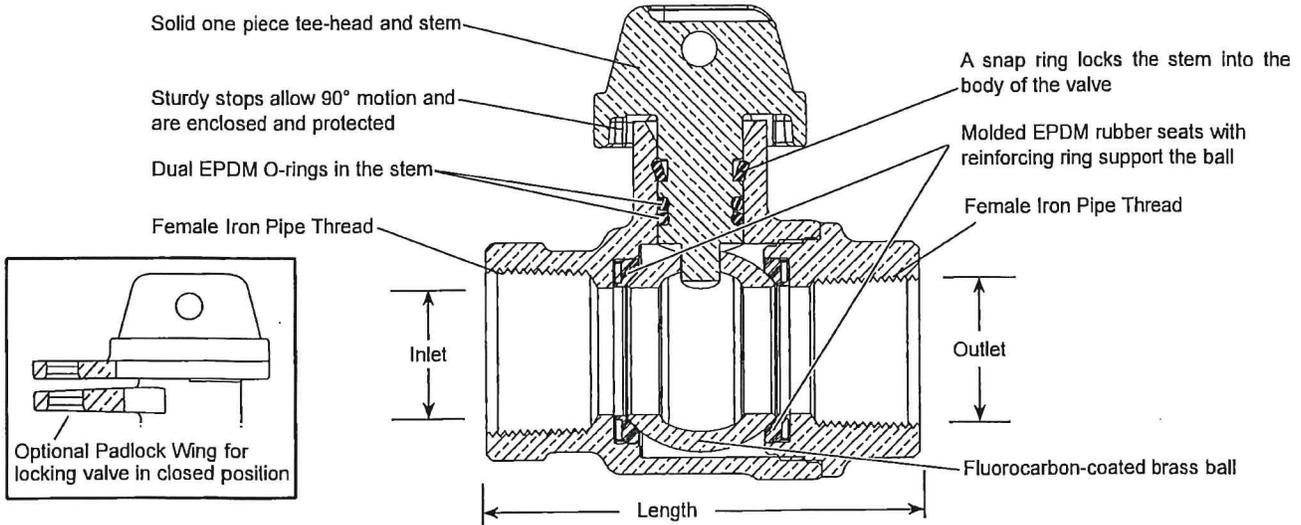


Image shown above is a B11-444-NL

VALVE SIZE	INLET SIZE	OUTLET SIZE	LENGTH	APPROX. Wt. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
3/4"	3/4"	3/4"	3-1/64"	1.5	B11-333-NL	
3/4"	3/4"	3/4"	3-21/64"	1.7	B11-333W-3-33-NL	
3/4"	1"	3/4"	3-17/64"	1.6	B11-343-NL	
3/4"	1"	1"	3-25/64"	1.6	B11-344-NL	
1"	1"	1"	3-7/16"	2.0	B11-444-NL	
1-1/4"	1-1/4"	1-1/4"	4-1/32"	4.2	B11-555-NL	
1-1/2"	1-1/2"	1-1/2"	4-15/32"	4.8	B11-666-NL	
1-1/2"	2"	1-1/2"	4-23/32"	5.0	B11-676-NL	
2"	2"	2"	5-1/4"	7.2	B11-777-NL	
2"	2-1/2"	2-1/2"	6-1/4"	11.1	B11-788-NL	

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Valve is non-directional and is watertight with flow in either direction
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- Hole for attaching curb box rod or handle is provided in tee-head
- 300 PSI working pressure

Optional Padlock Wing for locking valve in closed position. Add "W" to part number

Optional full 360° tee-head rotation. Add "R" to part number

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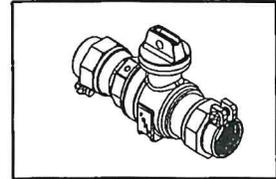
08/28/15

Submitted By:

Group 7

SUBMITTAL INFORMATION

Ball Valve Curb Stop - (B44-xxx-NL style)



PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) INLET AND OUTLET

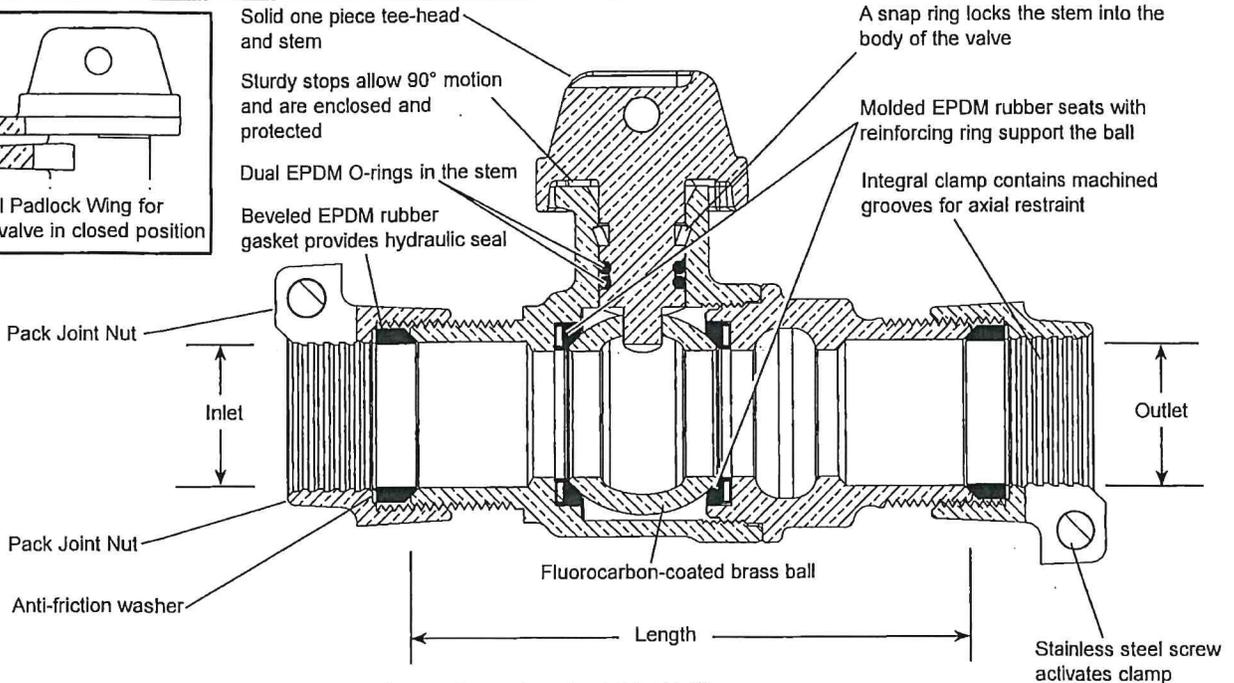
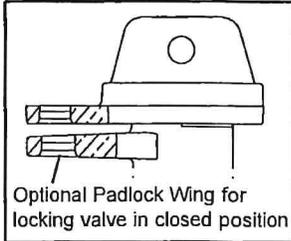


Image shown above is a B44-444-NL

VALVE SIZE	INLET SIZE	OUTLET SIZE	LENGTH	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
3/4"	3/4"	3/4"	3-43/64"	2.1	B44-333-NL	
1"	1"	1"	4-13/64"	2.8	B44-444-NL	
1-1/4"	1-1/4"	1-1/4"	6-21/64"	6.0	B44-555-NL	
1-1/2"	1-1/2"	1-1/2"	5-45/64"	7.3	B44-666-NL	
2"	2"	2"	6-47/64"	11.5	B44-777-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Valve is non-directional and is watertight with flow in either direction
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- Hole for attaching curb box rod or handle is provided in tee-head
- 300 PSI working pressure

Optional Padlock Wing for locking valve in closed position. Insert "W" into part number

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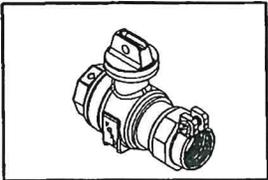
09/19/14

Submitted By:

Shop 7

SUBMITTAL INFORMATION

Ball Valve Curb Stop - (B41-xxx-NL style)



PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) INLET BY FEMALE IRON PIPE THREAD OUTLET

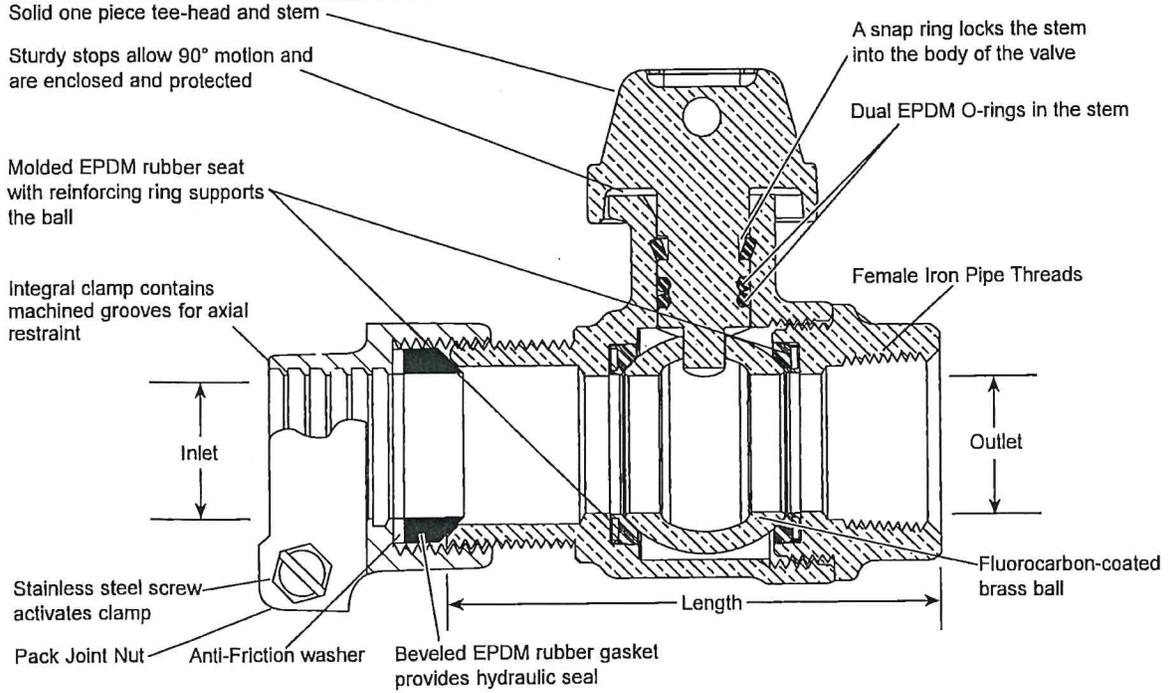


Image shown above is a B41-444-NL.

VALVE SIZE	INLET SIZE	OUTLET SIZE	LENGTH	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
3/4"	3/4"	3/4"	3-1/8"	1.7	B41-333-NL	
3/4"	3/4"	1"	3-25/64"	1.8	B41-334-NL	
3/4"	1"	3/4"	3-3/4"	2.0	B41-343-NL	
3/4"	1"	1"	3-7/8"	2.4	B41-344-NL	
1"	1"	1"	3-19/32"	2.3	B41-444-NL	
1-1/4"	1-1/4"	1-1/4"	5-3/16"	5.0	B41-555-NL	
1-1/2"	1-1/2"	1-1/2"	5-5/64"	6.0	B41-666-NL	
2"	2"	2"	6"	9.0	B41-777-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Valve is non-directional and is watertight with flow in either direction
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- Hole for attaching curb box rod or handle is provided in tee-head
- 300 PSI working pressure

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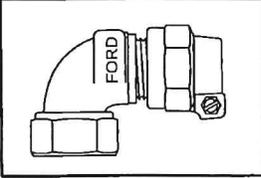
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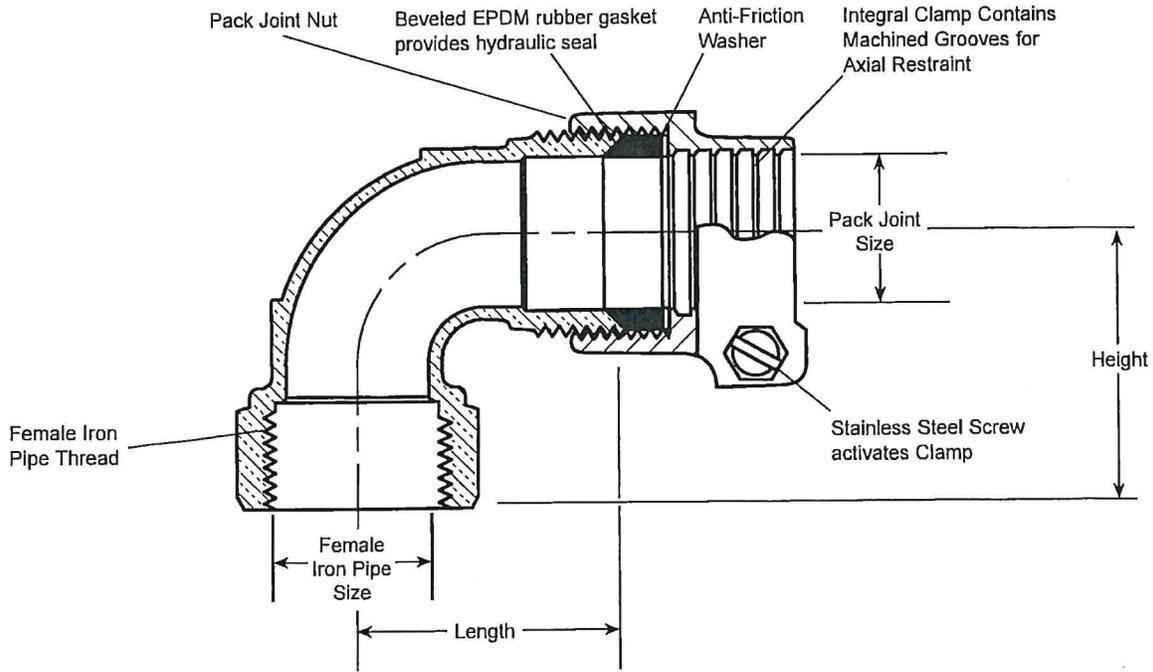
Draw 8

SUBMITTAL INFORMATION

Pack Joint Ell Coupling - (L14-xx-NL style)



FEMALE IRON PIPE THREAD BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)



DESCRIPTION		LENGTH	HEIGHT	APPROX. WT. Lbs	PART NUMBER	✓ SUBMITTED ITEM(S)
FEMALE IRON PIPE	P.J. FOR CTS					
3/4"	3/4"	1-1/2"	1-13/16"	1.0	L14-33-NL	
1"	3/4"	1-3/4"	1-7/8"	.9	L14-43-NL	
1"	1"	2-5/16"	1-7/8"	1.4	L14-44-NL	
1-1/4"	1"	2-5/16"	1-7/8"	1.2	L14-54-NL	
1-1/2"	1-1/2"	2-3/4"	2-7/8"	3.3	L14-66-NL	
2"	2"	3-1/4"	3-7/16"	6.7	L14-77-NL	



Note: Ford recommends insert stiffeners when using plastic pipe or tubing

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61 and Annex G

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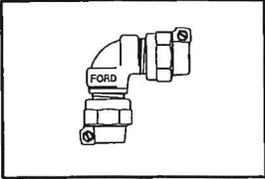
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12/15/11

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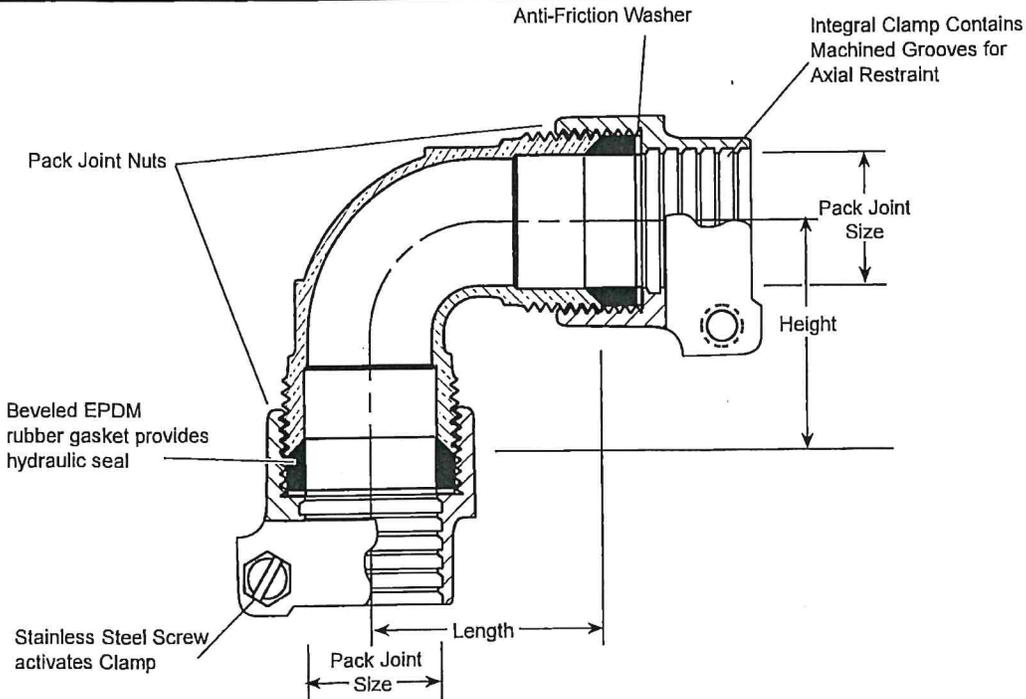
Shop 8

SUBMITTAL INFORMATION



Pack Joint Ell Coupling - (L44-xx-NL style)

PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) BOTH ENDS



DESCRIPTION		LENGTH	HEIGHT	APPROX. WT. Lbs	PART NUMBER	✓ SUBMITTED ITEM(S)
P.J. FOR CTS	P.J. FOR CTS					
3/4"	3/4"	1-5/8"	1-5/8"	1.0	L44-33-NL	
3/4"	1"	1-3/4"	1-3/4"	1.1	L44-34-NL	
1"	1"	2"	2"	1.3	L44-44-NL	
1-1/4"	1-1/4"	2"	2"	2.3	L44-55-NL	
1-1/2"	1-1/2"	2-7/16"	2-7/16"	3.6	L44-66-NL	
2"	2"	3-11/16"	3-11/16"	9.3	L44-77-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.



FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61

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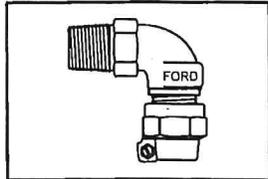
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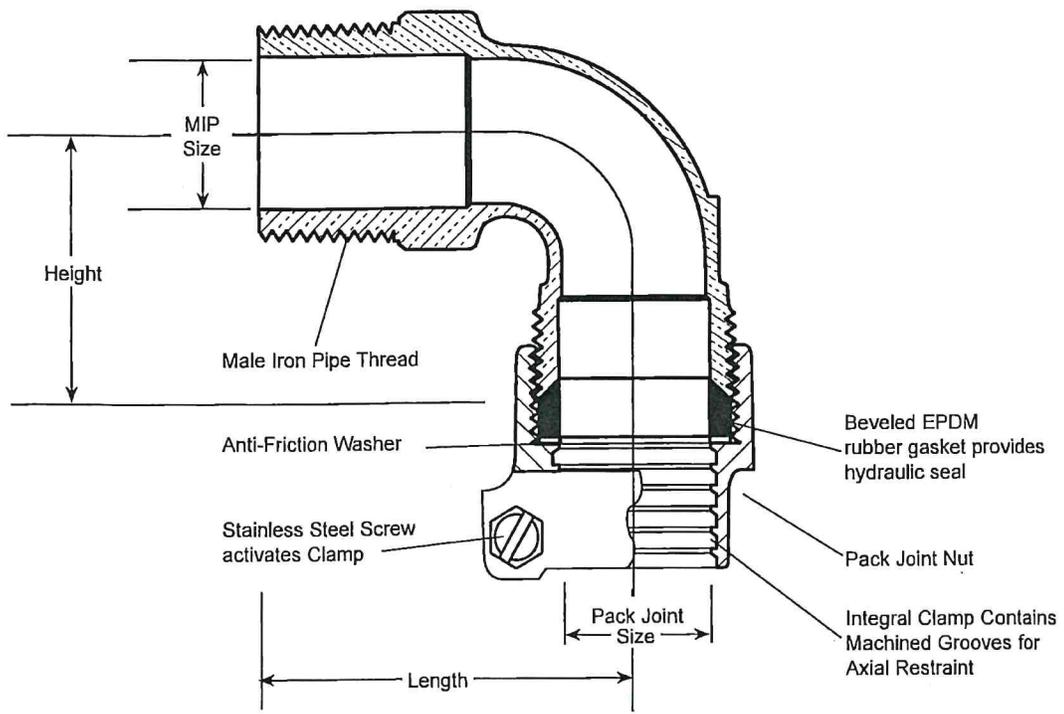
Shop 8

SUBMITTAL INFORMATION

Pack Joint Ell Coupling - (L84-xx-NL style)



MALE IRON PIPE THREAD BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)



DESCRIPTION		LENGTH	HEIGHT	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
MALE IRON PIPE	P.J. FOR CTS					
3/4"	3/4"	2"	1-11/16"	.8	L84-33-NL	
3/4"	1"	2"	1-5/8"	.8	L84-34-NL	
1"	1"	2-1/2"	1-7/8"	1.1	L84-44-NL	
1-1/2"	1-1/2"	2-1/2"	2-1/2"	2.5	L84-66-NL	
2"	2"	2-7/8"	3-1/8"	3.8	L84-77-NL	



Note: Ford recommends insert stiffeners when using plastic pipe or tubing.

- FEATURES**
- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
 - Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
 - UL Classified to ANSI/NSF Standard 61 and Annex G
 - The product has the letters "NL" cast into the main body for proper identification

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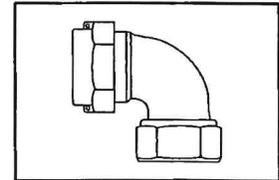
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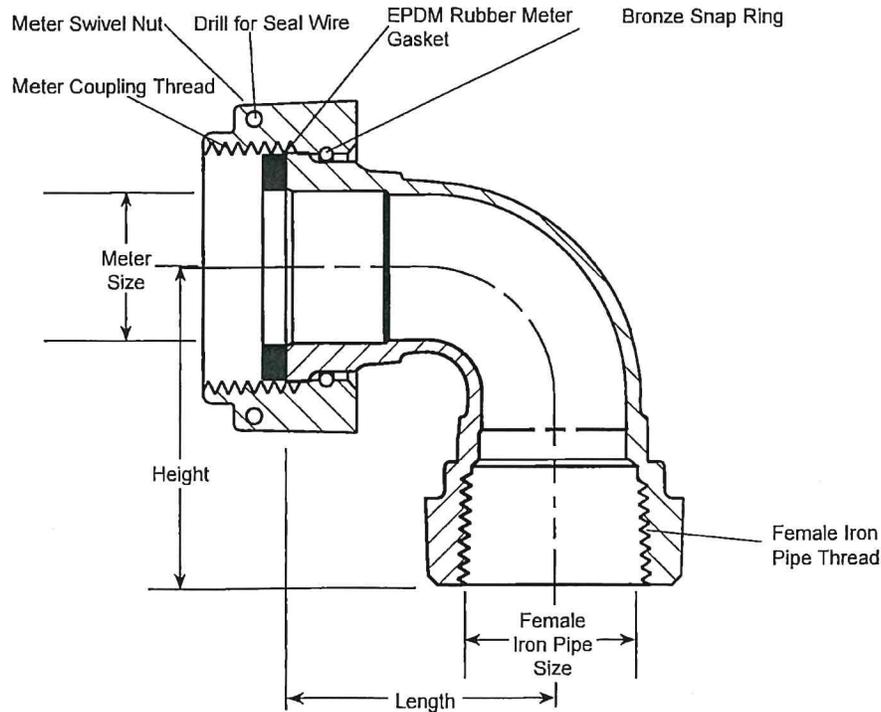
Shop 8

SUBMITTAL INFORMATION

Angle Meter Coupling - (L31-xx-NL style)



METER SWIVEL NUT BY FEMALE IRON PIPE THREAD



DESCRIPTION		LENGTH	HEIGHT	APPROX. Wt. Lbs	PART NUMBER	✓ SUBMITTED ITEM(S)
METER SIZE	FIP SIZE					
5/8"	3/4"	1-9/16"	1-11/16"	.8	L31-13-NL	
5/8"x3/4" & 3/4"	3/4"	1-9/16"	1-5/8"	.9	L31-23-NL	
5/8"x3/4" & 3/4"	3/4"	1-9/16"	1-5/8"	1.0	*L31-23D-NL	
5/8"x3/4" & 3/4"	1"	1-9/16"	2"	1.0	L31-24-NL	
1"	1"	1-15/16"	1-7/8"	1.2	L31-44-NL	

* D = Test / Drain Valve on side of body

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS C89833)
- The product has the letters "NL" cast into the body for proper identification
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B584, UNS C893600-85-5-5-5)
- Conforms to AWWA C700 for Meter Threads
- Body design provides wrench flats to facilitate installation

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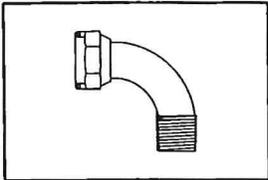
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02/27/13

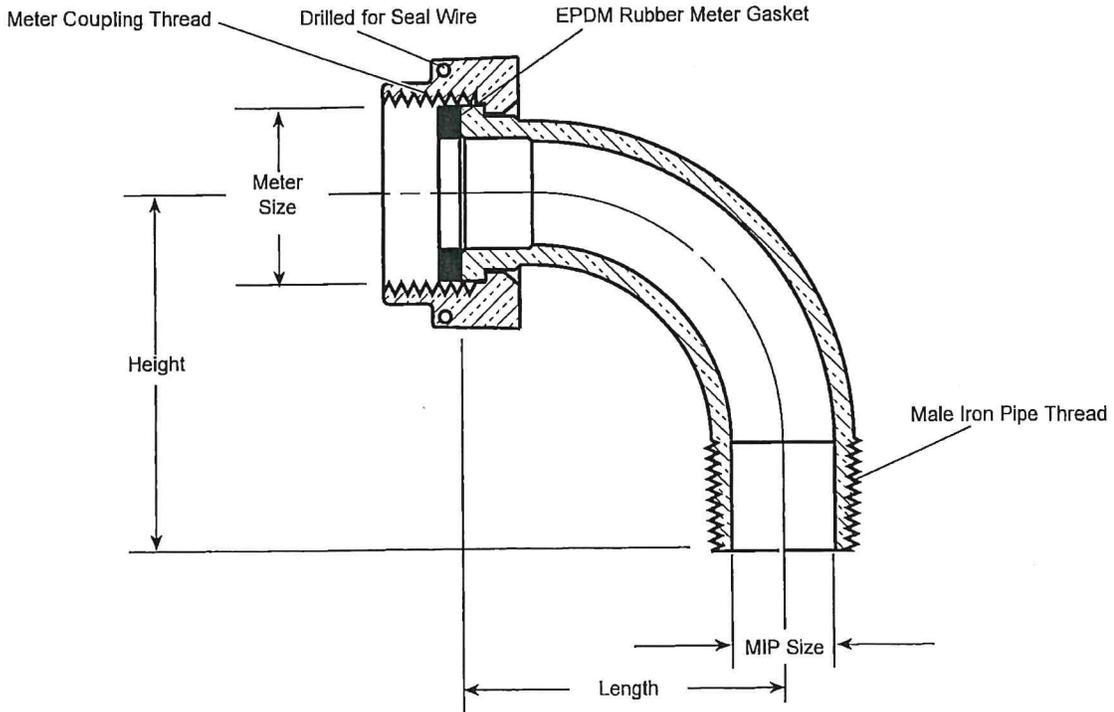
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Group 8

SUBMITTAL INFORMATION
Angle Meter Coupling - (L38-xx-NL style)



METER SWIVEL NUT BY MALE IRON PIPE THREAD



DESCRIPTION		HEIGHT	LENGTH	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
METER SIZE	MIP SIZE					
5/8"	1/2"	1-1/2"	2-3/8"	.5	L38-11-NL	
5/8"x3/4" & 3/4"	3/4"	2-1/4"	2-1/2"	.8	L38-23-NL	
5/8"x3/4" & 3/4"	1"	1-9/16"	1-13/16"	.7	L38-24-NL	
1"	1"	2"	2-9/16"	1.1	L38-44-NL	
1-1/2"	1-1/2"	3"	3-1/2"	3.0	L38-66-NL	

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS C89833)
- The product has the letters "NL" cast into the body for proper identification
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B584, UNS C893600-85-5-5-5)
- UL Classified to ANSI/NSF Standard 61 and Annex G
- Conforms to AWWA C700 for Meter Threads

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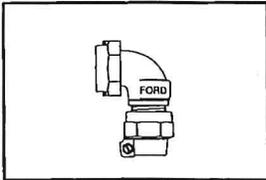
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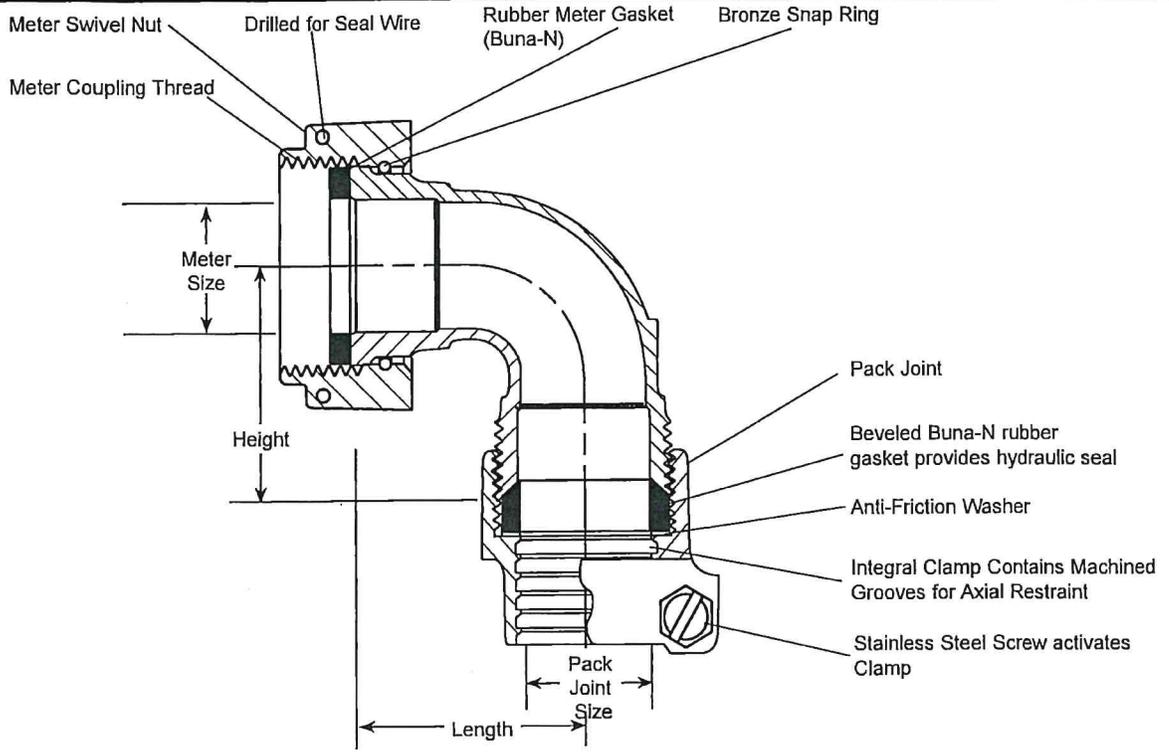
Group 8

SUBMITTAL INFORMATION



Angle Meter Coupling - (L34-xx-NL style)

METER SWIVEL NUT BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)



DESCRIPTION		LENGTH	HEIGHT	APPROX. WT. LBS.	PART NUMBER	✓ SUBMITTED ITEMS
METER SIZE	P.J. FOR CTS					
5/8"	3/4"	1-3/8"	1-9/16"	.8	L34-13-NL	
5/8"x3/4" & 3/4"	3/4"	1-9/16"	1-15/16"	1.1	L34-23-NL	
1"	1"	1-15/16"	1-15/16"	1.2	L34-44-NL	
1"	1-1/4"	2"	2-1/16"	.9	L34-45-NL	

Ford recommends insert stiffeners when using plastic pipe or tubing

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61 and Standard 61 Annex G (NSF/ANSI 372)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- Conforms to AWWA C700 for Meter Threads.
- Body Design provides wrench flats to facilitate installation.

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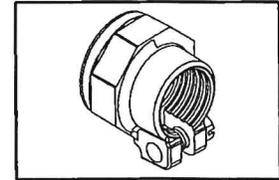
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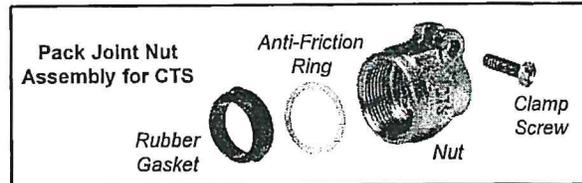
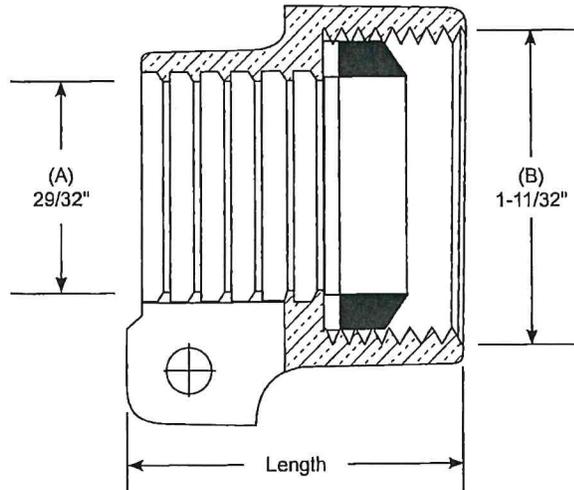
Shop 9

SUBMITTAL INFORMATION

Pack Joint Compression Nut - (NG-D4 style)



3/4" CTS PACK JOINT NUT ASSEMBLY



CONNECTION SIZE	LENGTH	DIMENSIONS A	DIMENSIONS B	APPROXIMATE Wt. LBS.	PRODUCT NUMBER	✓ SUBMITTED ITEM(S)
3/4"	1-5/16"	29/32"	1-11/32"	0.3	NG-D4	

FEATURES

- All brass conforms to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- Design provides wrench flats to facilitate installation
- EPDM rubber gasket, per ASTM, D2000, ANSI/NSF Standard 61 approved
- Anti-friction ring assists proper gasket compression

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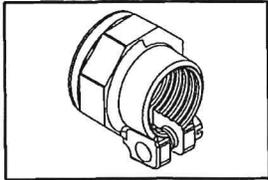
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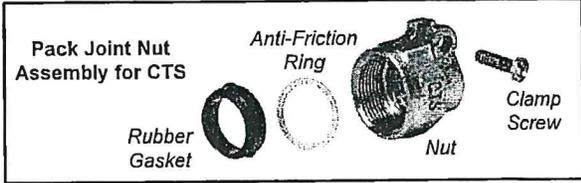
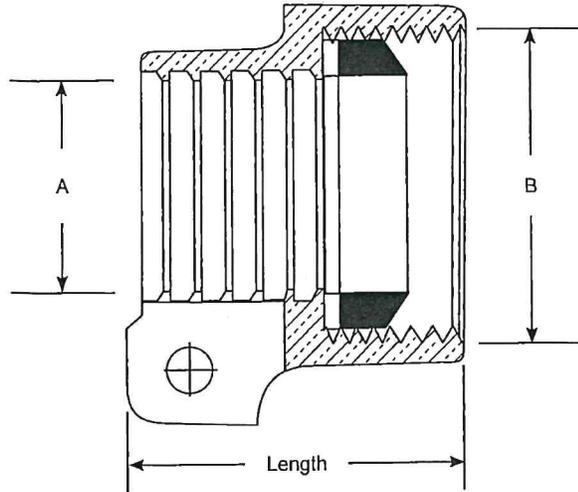
Group 9

SUBMITTAL INFORMATION

Pack Joint Compression Nut - (NG-F4 style)



1" CTS PACK JOINT NUT ASSEMBLY



CONNECTION SIZE	LENGTH	DIMENSIONS A	DIMENSIONS B	APPROXIMATE WT. LBS.	PRODUCT NUMBER	✓ SUBMITTED ITEM(S)
1"	1-5/16"	1-5/32"	1-9/16"	0.4	NG-F4	

- FEATURES**
- All brass conforms to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
 - Design provides wrench flats to facilitate installation
 - EPDM rubber gasket, per ASTM, D2000, ANSI/NSF Standard 61 approved
 - Anti-friction ring assists proper gasket compression

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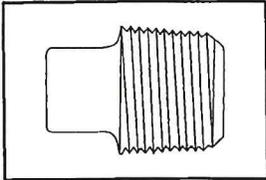
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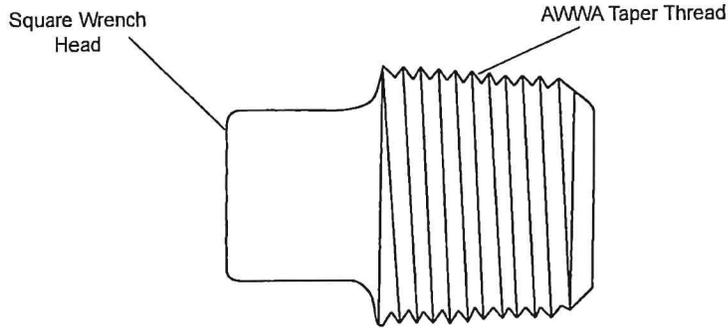
Shop 10

SUBMITTAL INFORMATION

Brass Corp Stop Plugs - (CSP-x-A-NL style)



AWWA TAPER THREAD BY SQUARE WRENCH HEAD



THREAD SIZE	APPLICATION	APPROX. Wt. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
1/2"	Square Wrench Head	0.15	CSP-1-A-NL	
5/8"	Square Wrench Head	0.21	CSP-2-A-NL	
3/4"	Square Wrench Head	0.26	CSP-3-A-NL	
1"	Square Wrench Head	0.37	CSP-4-A-NL	
1-1/2"	Square Wrench Head	0.40	CSP-6-A-NL	
2"	Square Wrench Head	0.90	CSP-7-A-NL	

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61 and Standard 61 Annex G (NSF/ANSI 372)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)

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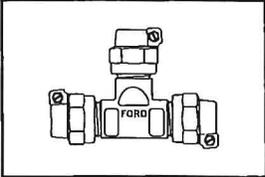
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 Phone: 260-563-3171 / Fax: 800-826-3487
 Overseas Fax: 260-563-0167
<http://www.fordmeterbox.com> 01/28/13

Submitted By: _____

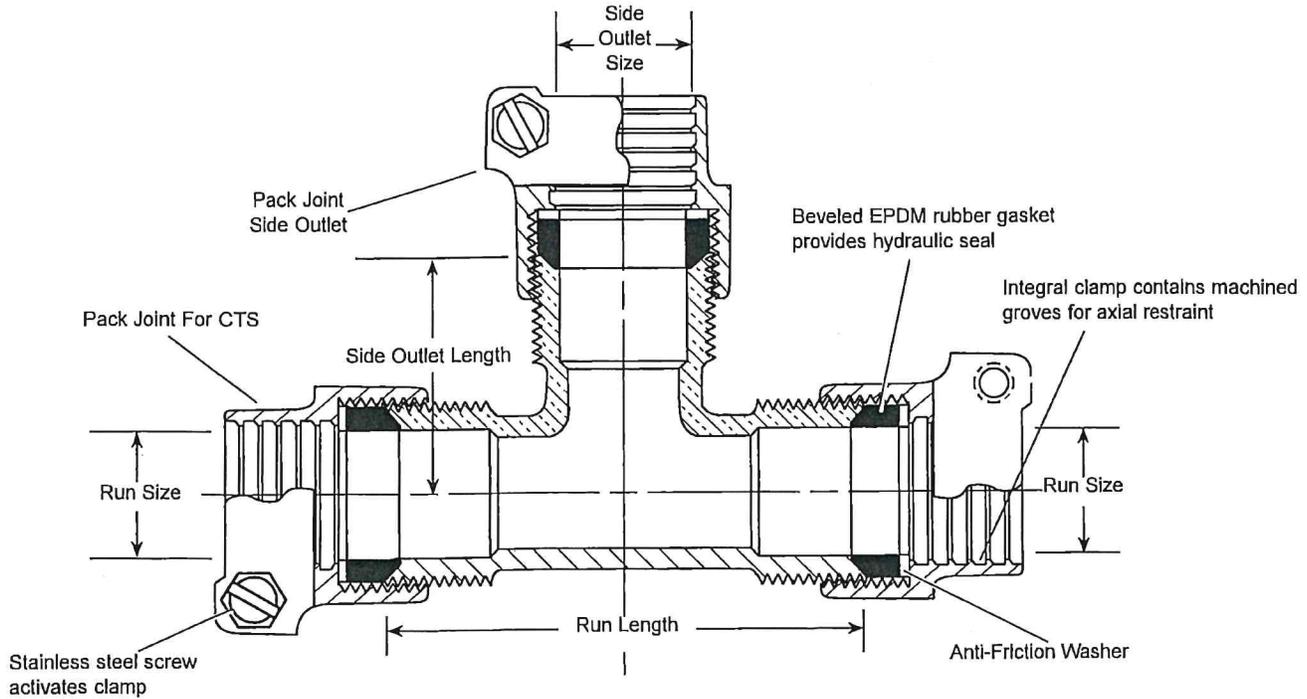
Change 11

SUBMITTAL INFORMATION

Pack Joint Tee - (T444-xxx-NL style)



PACK JOINT FOR CTS TO PACK JOINT FOR CTS BY PACK JOINT FOR CTS



BOTH ENDS (RUN SIZE)	SIDE OUTLET SIZE	RUN LENGTH	SIDE OUTLET LENGTH	APPROX WT. LBS.	PART NUMBER	✓ SUBMITTED ITEM(S)
3/4"	3/4"	3-5/16"	1-5/8"	1.4	T444-333-NL	
3/4"	1"	3-5/8"	1-15/16"	1.6	T444-334-NL	
1"	3/4"	3-1/2"	1-3/4"	1.6	T444-443-NL	
1"	1"	3-3/4"	1-15/16"	1.9	T444-444-NL	
1"	1-1/4"	3-3/4"	1-13/16"	2.3	T444-445-NL	
1"	1-1/2"	3-27/32"	2-3/32"	3.0	T444-446-NL	
1-1/2"	1-1/2"	4-3/4"	2-3/8"	4.6	T444-666-NL	
2"	1"	5-1/8"	2-7/16"	6.1	T444-774-NL	
2"	2"	7-3/8"	3-11/16"	13.4	T444-777-NL	

Note: Ford recommends insert stiffeners when using plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)

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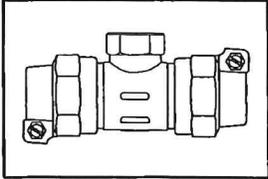
Submitted By: _____

04/26/16

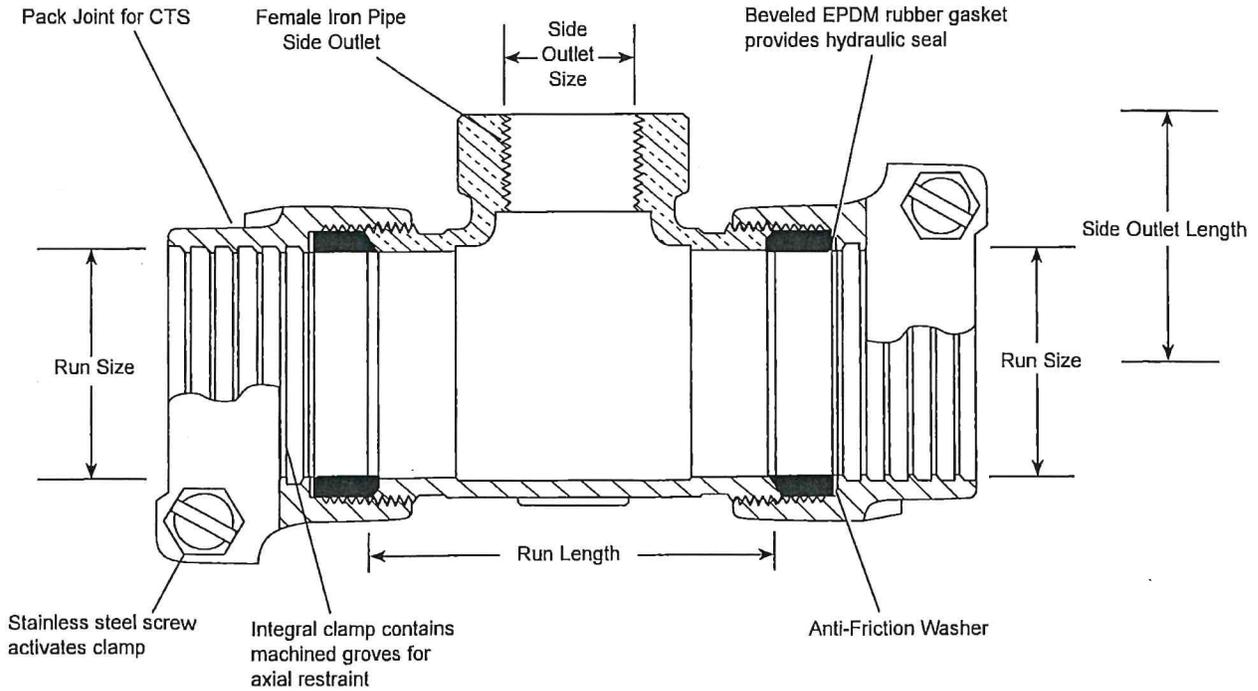
Draw 11

SUBMITTAL INFORMATION

Pack Joint Tee - (T441-77x-NL style)



PACK JOINT FOR CTS TO PACK JOINT FOR CTS BY FEMALE IRON PIPE SIDE OUTLET



BOTH ENDS (RUN SIZE)	SIDE OUTLET SIZE	RUN LENGTH	SIDE OUTLET LENGTH	APPROX Wt. LBS.	PART NUMBER	✓ SUBMITTED ITEM(S)
2"	3/4"	2"	1-3/16"	5.0	T441-773-NL	
2"	1"	2"	1-3/16"	5.2	T441-774-NL	

Note: Ford recommends Insert stiffeners when using plastic pipe or tubing.

- FEATURES**
- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
 - The product has the letters "NL" cast into the main body for proper identification
 - UL Classified to ANSI/NSF Standard 61 and Standard 61 Annex G (NSF/ANSI 372)
 - Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)

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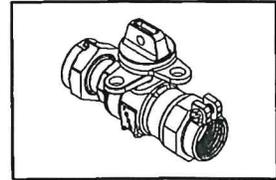
Submitted By: _____

02/12/13

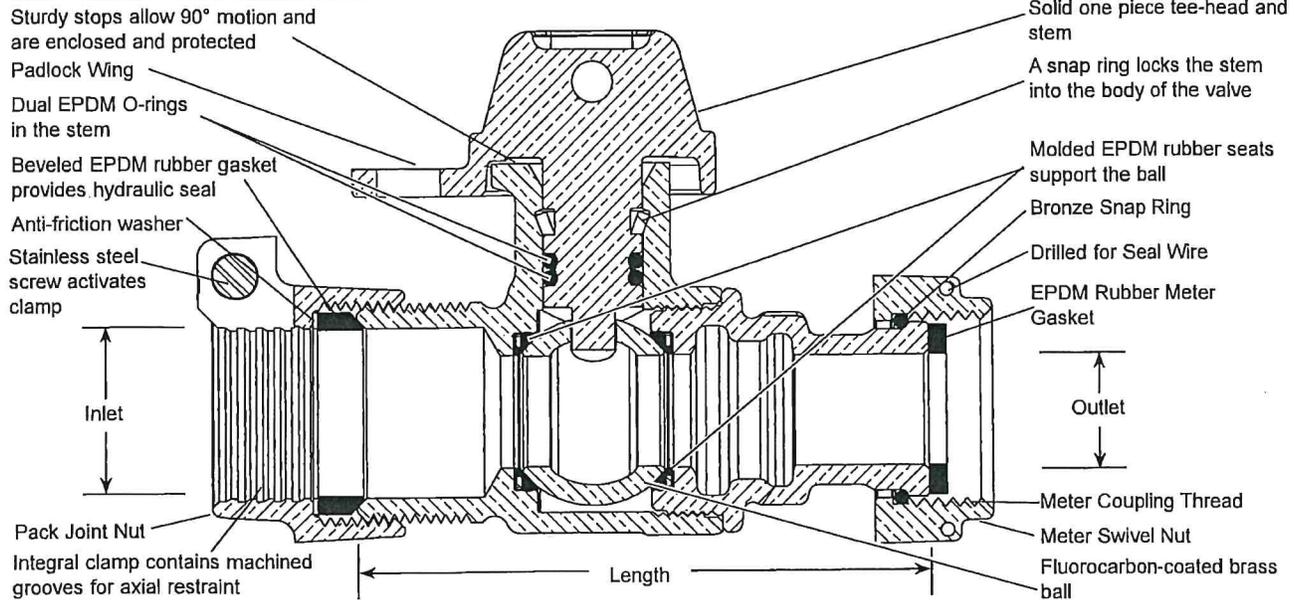
Sheet 12

SUBMITTAL INFORMATION

Straight Ball Meter Valves - (B43-xxxW-NL style)



PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) INLET BY METER SWIVEL NUT OUTLET



VALVE SIZE	SERVICE LINE SIZE INLET	METER SIZE OUTLET	LENGTH	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
5/8"	5/8"	5/8"x3/4" & 3/4"	3-7/32"	1.5	B43-222W-NL	
5/8"	3/4"	5/8"	3-1/4"	1.5	B43-231W-NL	
5/8"	3/4"	5/8"x3/4" & 3/4"	3-1/4"	1.6	B43-232W-NL	
3/4"	3/4"	5/8"	4-1/32"	2.1	B43-331W-NL	
3/4"	3/4"	5/8" x 3/4" & 3/4"	3-57/64"	2.2	B43-332W-NL	
3/4"	3/4"	1"	3-37/64"	2.3	B43-334W-NL	
3/4"	1"	5/8" x 3/4" & 3/4"	3-29/32"	2.3	B43-342W-NL	
3/4"	1"	1"	3-39/64"	2.4	B43-344W-NL	
1"	1"	1"	4-35/64"	2.9	B43-444W-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Valve is non-directional and is watertight with flow in either direction
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- Padlock Wing for locking valve in closed position
- Hole for attaching handle is provided in the tee-head
- 300 PSI working pressure

Optional Full 360° tee-head rotation. Add "R" to part number

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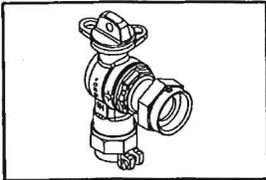
Submitted By:

08/12/15

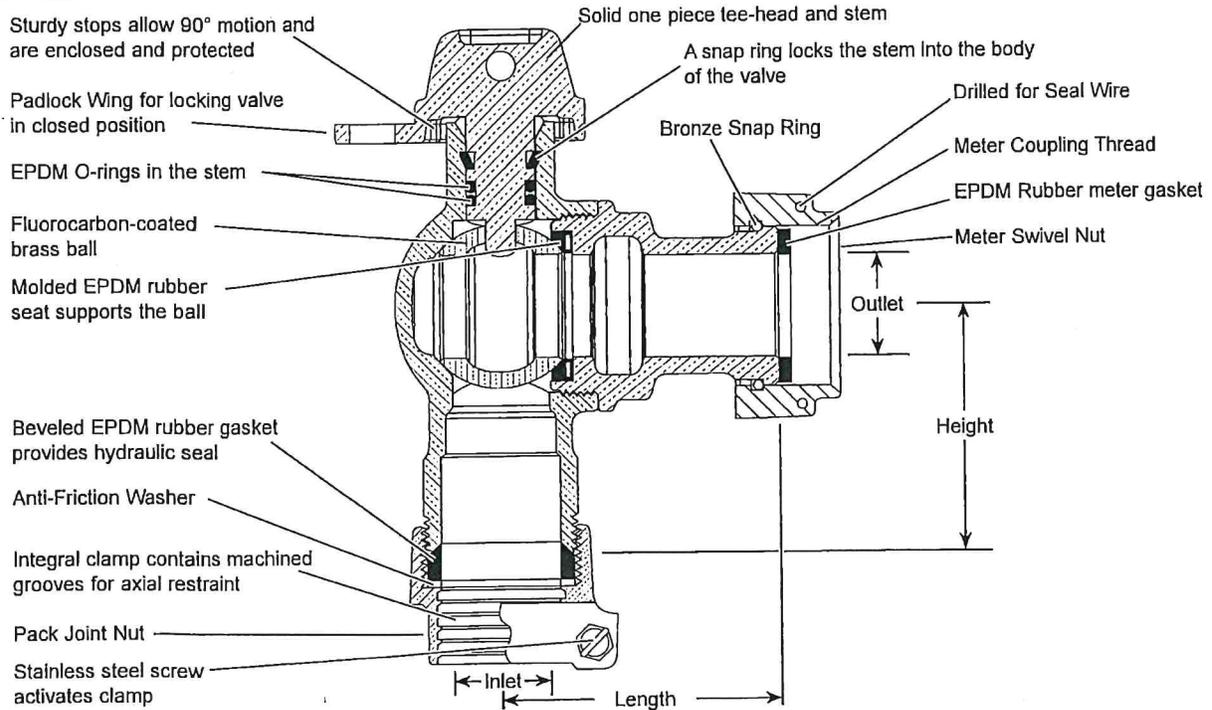
Group 12

SUBMITTAL INFORMATION

Angle Ball Meter Valves - (BA43-444W-NL style)



PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) INLET BY METER SWIVEL NUT OUTLET



VALVE SIZE	SERVICE LINE SIZE INLET	METER SIZE OUTLET	LENGTH	HEIGHT	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
1"	1"	1"	1-63/64"	2-7/32"	2.5	BA43-444W-NL	



Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- Hole for attaching handle is provided in tee-head
- 300 PSI working pressure
- Padlock Wing for locking valve in closed position
- Conforms to AWWA C700 for Meter threads
- UL Classified to ANSI/NSF Standard 61 and Annex G

Note: Recommended for inlet side shut-off
Optional full 360° tee-head rotation. Insert "R" into part number

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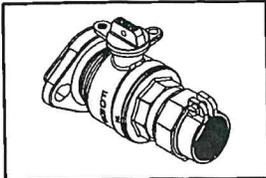
FORD The Ford Meter Box Company, Inc.
 P.O. Box 443, Wabash, Indiana U.S.A. 46992-0443
 Phone: 260-563-3171 / Fax: 800-826-3487
 Overseas Fax: 260-563-0167
<http://www.fordmeterbox.com> 12/13/10

Submitted By: _____

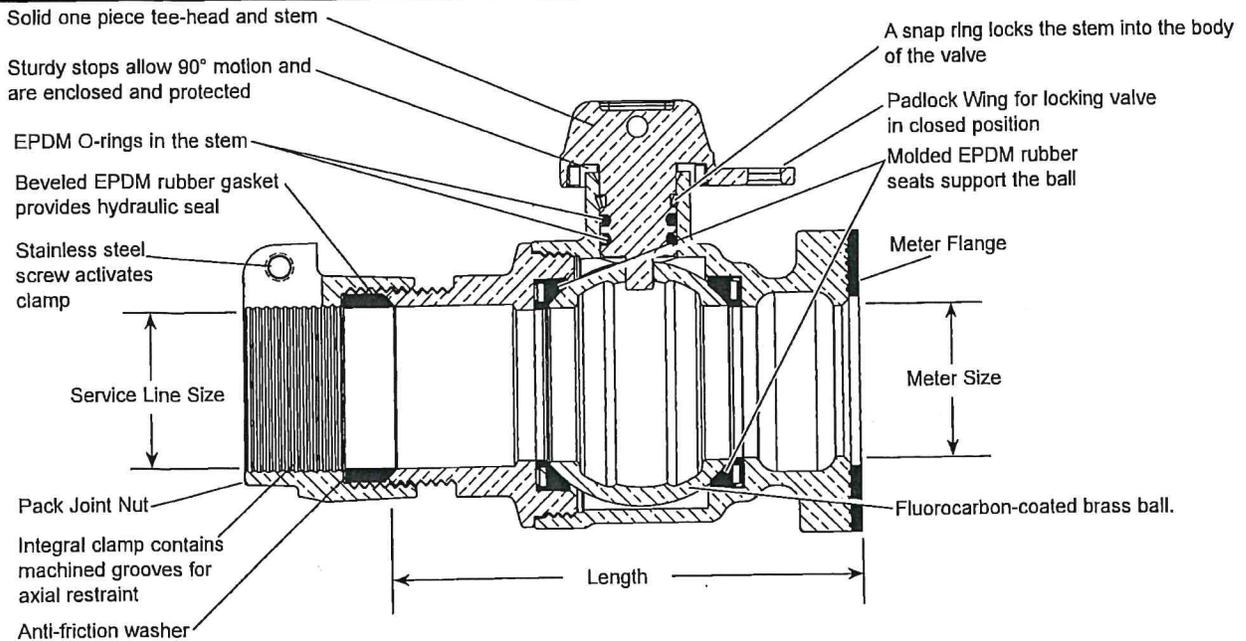
Draw 12

SUBMITTAL INFORMATION

Straight Ball Flange Meter Valves - (BF43-xxxW-NL style)



PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) INLET BY METER FLANGE OUTLET



VALVE SIZE	SERVICE LINE SIZE	METER SIZE	LENGTH	APPROX. WT. LBS	PART NUMBER	✓ SUBMITTED ITEM(S)
1-1/2"	1-1/2"	1-1/2"	5-23/64"	8.0	BF43-666W-NL	
1-1/2"	2"	1-1/2"	5-31/64"	8.5	BF43-676W-NL	
2"	2"	1-1/2" and 2"	6-13/64"	10.9	BF43-777W-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833)
- The product has the letters "NL" cast into the main body for lead-free identification
- Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)
- Valve is non-directional and is watertight with flow in either direction
- Ends are integral or secured with adhesive to prevent unintentional disassembly
- Padlock wing for locking valve in closed position
- Hole for attaching handle is provided in the tee-head
- 300 PSI working pressure
- Furnished with flat EPDM drop-in meter gasket
- Slotted holes are standard on 2" Flanged Meter Valves, allowing 1-1/2" Flange Meter connection

Optional full 360° tee-head rotation. Add "R" to end of part number.

Optional Meter Support Brackets. Add "- MSB" to end of part number.

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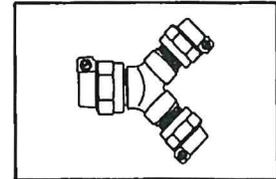
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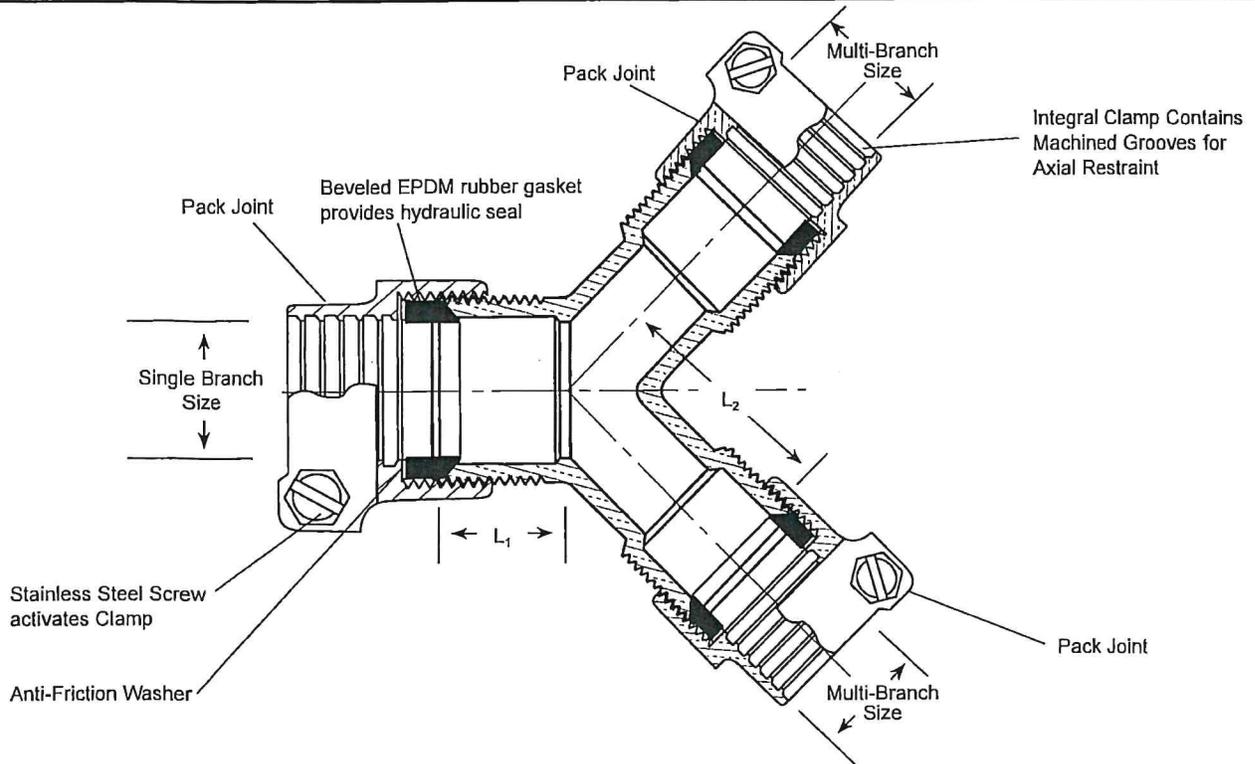
Group 13

SUBMITTAL INFORMATION

Pack Joint 'Y' Branch - (Y44-xxx-NL style)



PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS) BOTH ENDS



SINGLE BRANCH END	MULTI-BRANCH END	SINGLE BRANCH LENGTH (L ₁)	MULTI-BRANCH LENGTH (L ₂)	APPROX. WT. LBS.	PART NUMBER	✓ SUBMITTED ITEM(S)
3/4"	Two - 3/4"	1-3/32"	2-3/64"	1.5	Y44-233-NL	
1"	Two - 3/4"	1-1/16"	2"	2.0	Y44-243-NL	
1-1/2"	Two - 3/4"	1-3/8"	2-7/8"	3.1	Y44-263-NL	
1-1/2"	Two - 1"	1-5/8"	2-3/4"	3.1	Y44-264-NL	
2"	Two - 1"	1-3/16"	3-1/8"	3.7	Y44-274-NL	

Note: Ford recommends using insert stiffeners with plastic pipe or tubing.

FEATURES

- All brass that comes in contact with potable water conforms to AWWA Standard C800 (UNS NO C89833)
- Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600 - 85-5-5-5)
- The product has the letters "NL" cast into the main body for proper identification
- UL Classified to ANSI/NSF Standard 61 and Annex G

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<http://www.fordmeterbox.com>

11/01/12

Submitted By:

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GASKETS & METER WASHERS

ALL METER WASHERS & GASKETS MADE IN THE USA

January 1, 2015

1-1/2" Meter Washers - fits 1-1/2" Water Meter Coupling

<u>Part #</u>	<u>Product Size</u>	<u>Product Material</u>	<u>Price</u>
R 1508	1-1/2" x 1/8"	Rubber	\$.24 each
R 1516	1-1/2" x 1/16"	Rubber	\$.20 each
F 1508	1-1/2" x 1/8"	Fiber	\$.42 each
F 1516	1-1/2" x 1/16"	Fiber	\$.23 each
F 1532	1-1/2" x 1/32"	Fiber	\$.18 each
L 1508	1-1/2" x 1/8"	Leather	\$.49 each

2" Meter Washers - fits 2" Water Meter Coupling

R 208	2" x 1/8"	Rubber	\$.30 each
R 216	2" x 1/16"	Rubber	\$.27 each
F 208	2" x 1/8"	Fiber	\$.46 each
F 216	2" x 1/16"	Fiber	\$.28 each
F 232	2" x 1/32"	Fiber	\$.23 each
L 208	2" x 1/8"	Leather	\$.63 each

*Show
14*



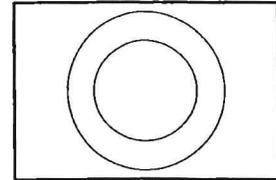
Plugs - Water Flow - Cut Off (Blind)

FP5	5/8" x 1/16"	Fiber	\$ 7.00\100pcs.
FP 3	3/4" x 1/16"	Fiber	\$ 7.00\100pcs.
FP 1	1" x 1/16"	Fiber	\$ 9.00\100pcs.

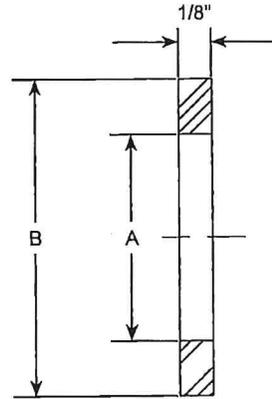
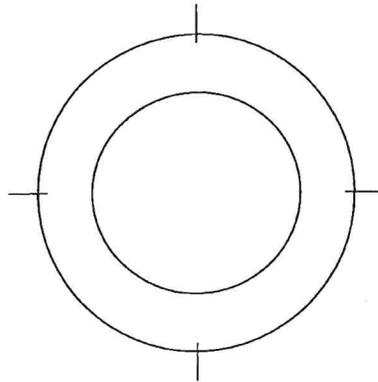
Shop 15

SUBMITTAL INFORMATION

Meter Gasket - (GT-1xx style)



METER GASKET FOR 5/8" TO 1" METER CONNECTIONS



METER SIZE	DIAMETER A	DIAMETER B	THICKNESS (T)	PART NUMBER	✓ SUBMITTED ITEM(S)
5/8"	41/64"	15/16"	1/8"	GT-109	
5/8"x3/4" & 3/4"	25/32"	1-5/32"		GT-116	
1"	1-1/16"	1-1/2"		GT-121	

FEATURES

- Composed of aramid fibers with an SBR binder
- Conforms to ASTM F104

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09/15/14

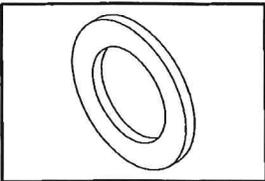
Submitted By:

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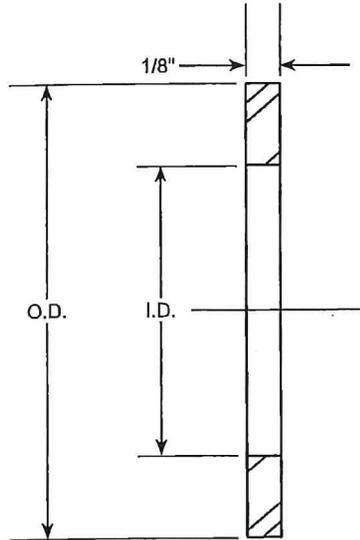
Group 15

SUBMITTAL INFORMATION

Rubber Yoke Gasket - (GT-xxx style)



RUBBER YOKE END GASKETS (TO SEAL ON YOKE NOSE OF YOKE VALVES AND FITTINGS)



COUPLING SIZE	METER SIZE	INSIDE DIAMETER	OUTSIDE DIAMETER	PART NUMBER	APPROX. WT. LBS.*	STD. PKG. QTY.	✓ SUBMITTED ITEM(S)
5/8"	5/8"	11/16"	1-3/32"	GT-112	1.9	500	
3/4"	5/8" x 3/4"	13/16"	1-11/32"	GT-118	2.3	400	
1"	1"	1-1/16"	1-21/32"	GT-123	2.6	300	

*Weights for gaskets are for standard package quantities.

FEATURES

- EPDM Rubber per ASTM D2000
- ANSI/NSF 61 approved

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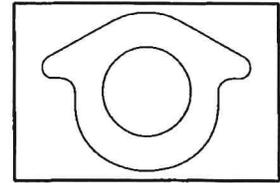
FORD **The Ford Meter Box Company, Inc.**
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<http://www.fordmeterbox.com> 04/18/13

Submitted By:

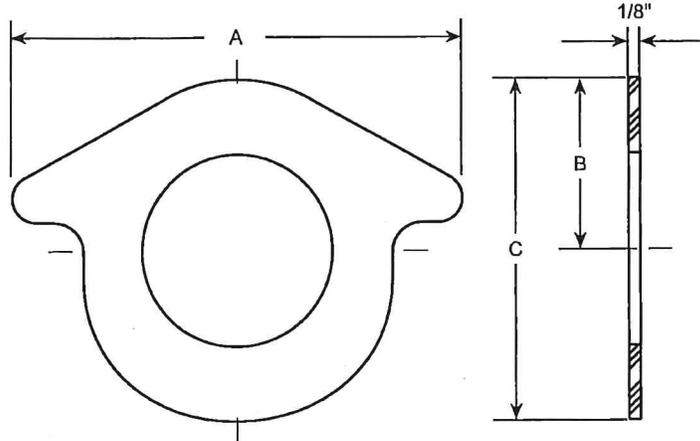
Group 16

SUBMITTAL INFORMATION

Rubber Gasket - (GT-xxx style)



RUBBER GASKET FOR 1-1/2" AND 2" FLANGE METER CONNECTIONS



COUPLING SIZE	DIAMETER A	DIAMETER B	DIAMETER C	THICKNESS (T)	PART NUMBER	✓ SUBMITTED ITEM(S)
1-1/2"	4-5/8"	1-21/32"	3-5/16"	1/8"	GT-140	
2"	5-1/4"	2"	4"	1/8"	GT-141	

FEATURES

- EPDM Rubber Gasket
- Conforms to ASTM D2000
- NSF 61 Compliant
- Drop in gaskets for Ford flange meter couplings

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 www.fordmeterbox.com

12/04/15

Submitted By:

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Flanges 17 through 25

Gentlemen:

To the best of our knowledge, when we distribute domestic brass fittings, they conform to ANSI/ASME B16.15 and WW-P-460 125 and 250 pound class. Fittings are made from ASTM B584, copper alloy C84400. They contain the following chemical analysis:

COPPER	79.74 - 81.00
TIN	2.91 - 3.00
LEAD	7.00 - 7.06
ZINC	9.00 - 9.73
NICKEL	0.00 - 0.28
IRON	0.00 - 0.28

125 class pressure-temperature ratings range from 200 psi at -20 degrees to 125 psi at 400 degrees. 250 class pressure-temperature ratings range from 400 psi at -20 degrees to 250 psi at 400 degrees.

Sincerely,

MERIT BRASS COMPANY

Marc Schlessinger

Marc Schlessinger
President

ISO 9001:2000



Certificate No. 0275

P.O. Box 43127 • One Merit Drive • Cleveland, OH 44143

Phone: 216 261 9800 • Toll Free: 800 726 9800 • Fax: 800 726 9880 • www.meritbrass.com



May 17-25

Gentlemen:

To the best of our knowledge, when we distribute domestic brass fittings, they conform to ANSI/ASME B16.15 and WW-P-460 125 and 250 pound class. Fittings are made from ASTM B584, copper alloy C84400. They contain the following chemical analysis:

COPPER	79.74 - 81.00
TIN	2.91 - 3.00
LEAD	7.00 - 7.06
ZINC	9.00 - 9.73
NICKEL	0.00 - 0.28
IRON	0.00 - 0.28

125 class pressure-temperature ratings range from 200 psi at -20 degrees to 125 psi at 400 degrees. 250 class pressure-temperature ratings range from 400 psi at -20 degrees to 250 psi at 400 degrees.

Sincerely,

MERIT BRASS COMPANY

Marc Schlessinger
President

180-9901-2000



Circle 16 on Reader Service Card

P.O. Box 43127 • One Merit Drive • Cleveland, OH 44143

Phone: 216 261 9800 • Toll Free: 800 726 9800 • Fax: 800 726 9880 • www.meritbrass.com