

**Newport-Mesa**

Unified School District

**NEWPORT MESA UNIFIED SCHOOL DISTRICT**

**BID NO. 103-27**

**IRRIGATION SUPPLIES**

**DATE ISSUED: September 16, 2026**

**DATE DUE: September 30, 2026, by 2:00 P.M.**

**Contact: Emily Hughes**

**Address: Newport Mesa USD  
2985 Bear St., Building A  
Costa Mesa, CA. 92626**

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**\*THE FOLLOWING ITEMS MUST BE SUBMITTED AT THE TIME OF THE BID OPENING  
OR BIDDER WILL BE DECLARED NONRESPONSIVE.**

## **NOTICE TO BIDDERS**

### **NEWPORT MESA UNIFIED SCHOOL DISTRICT**

**BID NO. 103-27**

### **IRRIGATION SUPPLIES**

In accordance with Public Contract Code 20111, notice is hereby given that the Newport Mesa Unified School District, will receive up to, but no later than 2:00 p.m., on **September 30, 2026**, at the District Education Center, 2985 Bear St., Bldg. A, Costa Mesa, CA 92626, sealed bids for the award of a contract for the annual purchase of IRRIGATION SUPPLIES.

Bids shall be opened and publicly read aloud at the above stated date, time and place. Each bid must conform and be responsive to the bid documents, copies of which may be obtained on the Purchasing Department PlanetBids Web Portal at:

<https://vendors.planetbids.com/portal/46422/portal-home>

No bidder may withdraw his bid for a period of sixty (60) days after the date set for opening of bids.

All bids shall be made and presented on a form furnished by the District

The District reserves the right to waive any irregularities, accept or reject any or all bids and to accept or reject any items thereon.

**NEWPORT MESA UNIFIED SCHOOL DISTRICT**

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**Jonathan Geiszler**  
Director, Purchasing & Warehouse

## **INSTRUCTIONS FOR BIDDERS**

### **NEWPORT MESA UNIFIED SCHOOL DISTRICT**

**BID NO. 103-27**

### **IRRIGATION SUPPLIES**

1. **PREPARATION OF BID FORM:** The Newport Mesa Unified School District, hereinafter referred to as District, invites bids on the forms enclosed to be submitted no later than **September 30, 2026 at 2:00 P.M.** All blanks on the bid form must be appropriately filled in. Each bid must be submitted in a separate sealed envelope bearing on the outside the bid number and closing date. It is the sole responsibility of the bidder to ensure that their bid is received at the location specified in paragraph 2 below, no later than the time and date specified. Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.
2. **BID SUBMISSION ADDRESS:** Bids shall be submitted to the Purchasing Department of the District. If bids are hand delivered or delivered by a delivery service (i.e. UPS, Federal Express, U.S. Mail, or private courier) they shall be delivered to the **District Education Center, located at 2985 Bear St., Bldg. A, Costa Mesa, CA, 92626.**

**TO BE CONSIDERED, ALL BIDS MUST BE RECEIVED IN THE PURCHASING DEPARTMENT BY THE TIME AND DATE OF CLOSING. (NOTE: BIDDERS WHO MAIL THEIR BIDS SHOULD ALLOW SUFFICIENT TIME FOR THE INTERNAL DISTRIBUTION OF MAIL WITHIN THE DISTRICT.)**

**FAXED BIDS AND BIDS RECEIVED IN THE PURCHASING DEPARTMENT AFTER DATE AND TIME INDICATED HEREIN WILL NOT BE ACCEPTED.**

3. **BID OPENING READING:** All bids shall be publicly opened and read aloud at the time and date indicated above, at the **District Education Center, located at 2985 Bear St., Bldg. A, Costa Mesa, CA, 92626.**
4. **SIGNATURE:** All bids must be signed in the name of the bidder and must bear the signature in longhand of the person or persons duly authorized to sign the bid. Unsigned bids will be considered non-responsive, thus resulting in rejection of the bid.
5. **MODIFICATIONS:** Changes in or additions to the bid form, alternate bids, or any other modifications of the bid form which are not specifically called for in the bid documents may result in District's rejection of the bid as not being responsive to this invitation to bid. Oral, telephone, telegraphic, or facsimile bids or modifications will not be considered.
6. **ERASURES:** The bid submitted must not contain any erasures, interlineations, or other corrections unless each such correction is initialed in the margin immediately opposite the correction by the person or persons signing the bid.
7. **WITHDRAWAL OF BID:** Any bidder may withdraw his bid personally or by written request, to the Director, Purchasing & Warehouse, at any time prior to the scheduled closing time for receipt of bids. Any request for withdrawal received after the hour set for the opening of the bids will not be honored.

8. **INTERPRETATION OF BID DOCUMENTS:** Bidders who find discrepancies in or omissions from the bid documents, may submit to the Coordinator III, Purchasing & Contracts, a written request for clarification or correction thereof. All requests for clarification and the response thereto will be posted on the District's PlanetBids Web Portal. Corrections will be made by addenda issued to each bidder. The District will not be responsible for oral interpretations. All addenda issued during the time of bidding shall be incorporated into the bid automatically. Questions regarding the bid may be submitted via the District's PlanetBids Web Portal at <https://vendors.planetbids.com/portal/46422/portal-home> no later than **September 25, 2026 at 12:00 P.M. PST.**
9. **AWARD OF A CONTRACT:** The District reserves the right to reject any or all bids, or to waive any irregularities or informalities in any bids or the bidding, and to make its selection of items awarded based upon its best judgment as to which items substantially comply with the specifications, or which are most economical and/or best suited for the purpose for which they are intended. It is the District's intent to award the contract to a bidder(s) based on the lowest price per item. Please submit prices on each item. Cash discounts offered shall not be considered in determining low bid in accordance with Paragraph 36, DISCOUNTS of these Instructions for Bidders. In the event of equal bids, the award shall be made to the bidder located within the State of California, the County of Orange, and with whom the Purchasing Department of the District has had satisfactory business relationships, in the order named. All bids shall remain open and valid and subject to acceptance for sixty (60) days after the bid opening date.
10. **PRICES:** Bid each item separately. Prices must be stated in units specified or trade standard. The right is reserved to waive any informality in bids, to reject any or all bids, and to accept or reject any item or combination of items. In case of a discrepancy between the unit price and the extension, the unit price will be considered correct. Quote prices net including trade discounts, F.O.B. DESTINATION, FRT. PREPAID.
11. **PRICE GUARANTEE:** Prices are to remain firm for the initial term of the contract. The successful bidder is responsible for providing District with no less than thirty (30) days' prior written notification of any proposed price increases (price increases shall not be automatically made) and no price increase will exceed the lesser of three percent (3%) or the annual increase in the Urban Consumer Price Index (CPI-U) for the Los Angeles, Riverside and Anaheim area beginning March 2025 and ending March 2026, and for each subsequent one year period (on the March to March time period). This data is available at [www.bls.gov/regions/west/news-release/consumerpriceindex\\_losangeles.htm](http://www.bls.gov/regions/west/news-release/consumerpriceindex_losangeles.htm). However, if due to unforeseeable circumstances beyond the control of both the District and the successful bidder, a proposed price increase is over three percent (3%), the successful bidder shall provide a detailed explanation in writing with documentation to justify the proposed price increase. The acceptance of the proposed price increase will be at the sole discretion of the District.
12. **QUANTITIES:** Quantities shown in Bid Form are estimates only, based on the best information available at the time. The District reserves the right to purchase more or less of the units specified at the unit cost bid.
13. **DELIVERY REQUIREMENT:** Bidders shall bid all items F.O.B. DESTINATION, FRT. PREPAID it is the expectation of the district that the bidder will deliver any equipment ordered direct to the districts' school site of preference. Vendor will be required to contact an identified District staff member at least two days prior to delivery to schedule delivery. Lift

gate and inside delivery will be required. Delivery shall require furnishing, delivering, assembling and setting in place items listed. Carting away debris will be the sole responsibility of the vendor.

14. **EXCUSABLE DELAYS:** The Bidder shall be excused from performance hereunder during the time and to the extent that the Bidder is prevented from obtaining, delivering, or performing by acts of God, fire, strike, lockout, or commandeering of materials, products, plants, or facilities by the government, when satisfactory evidence thereof is presented to the Newport-Mesa Unified School District, provided that it is satisfactorily established that the non-performance is not due to the fault or neglect of the party not performing.
15. **BRANDS:** Brand names are included for descriptive purposes to indicate the quality, design, and utility desired by the District, but the specifications are not intended to restrict competition. Brands of equal make or type to those specified will be considered unless otherwise so indicated in the bid. Each bidder shall indicate the manufacturer's name and model number of the brand(s) being bid (even if indicated in the specification) and may require testing in accordance with the INSPECTION AND ACCEPTANCE provision of this bid. **"CAUTION TO BIDDERS:** The Purchasing Department is not responsible for locating or securing any information which is not identified in the bid and reasonably available to the purchasing activity. Accordingly, to ensure that sufficient information is available the bidder must furnish as part of the bid all descriptive material such as cuts, illustrations, drawings, or other information, necessary to the purchasing activity to:
  - a. determine whether the product offered meets the salient characteristic requirements of the Invitation to Bid, and
  - b. establish exactly what the bidder proposes to furnish and what the District would be binding itself to purchase by making an award. The information furnished may include specific references to information previously furnished or to information otherwise available to the purchasing activity.
16. **INSURANCE:** Prior to issuance of a purchase order, the successful bidder shall furnish the District with insurance endorsements evidencing insurance coverage and further indicating that the successful bidder's policies have been endorsed to name the "Newport-Mesa Unified School District" as an additional insured thereon, with provision made for cross liability. The endorsements shall further provide the "Successful bidder's policy is primary over any insurance carried by the District and that "the policy will not be cancelled or materially changed without thirty (30) calendar days' prior written notice" being given to the District's Purchasing Department. During the term of the contract, the successful bidder shall, at its own cost and expense maintain the following types of insurance:
  - i. Commercial General Liability Coverage, "occurrence" form only, to include bodily injury and property damage for premises and operations, contractual liability, independent contractors, personal and advertising injury, and wrongful termination with a combined single limit not less than \$1,000,000 per occurrence and an annual general aggregate limit not less than \$2,000,000. The policy shall be endorsed to name the District, its governing boards and commissions and the individuals thereof, and all its officers, agents, employees, representatives and volunteers, as additional insured.
  - ii. Workers' Compensation insurance with limits as required by the Labor Code of the State of California and Employers Liability insurance limits of \$1,000,000 per accident.
  - iii. Business Automobile Liability Coverage with limits as required by the State of California.

**17. FAILURE TO PROVIDE EVIDENCE OF INSURANCE, POST SECURITY, OR EXECUTE**

**CONTRACT:** In the event the bidder to whom a notice of intent to award a contract is given, fails or refuses to provide the certificates of insurance, required bonds, or return properly executed copies of the contract within seven (7) calendar days from the date of receiving said notice, the District may declare the successful bidder as nonresponsive to this solicitation and re-issue a notice of intent to award a contract to the next lowest responsive and responsible bidder, or may call for new bids.

**18. WARRANTY:** Warranty period shall be manufacturer's standard. Warranty shall cover defects in materials and workmanship from date the unit is placed in service or within sixty (60) days from date of acceptance by the Board, whichever occurs first. Contractor will be notified in writing when unit is in need of service. Minor repair parts and labor during the warranty period may be supplied by the District at vendor's expense upon mutual agreement prior to start of work. Any warranty adjustment referred to the vendor must be completed within 72 hours.

**19. EVIDENCE OF RESPONSIBILITY:** Upon request of the District, a bidder whose bid is under consideration for award shall promptly submit satisfactory evidence showing their financial resources. The District may also request the names of at least three (3) references for whom similar supplies or equipment were provided during the previous year. The bidder must furnish this list within three (3) days after request. Failure to do so will be sufficient cause for default and the District may declare the successful bidder as nonresponsive to this solicitation and re-issue a notice of intent to award a contract to the next lowest responsive and responsible bidder, or may call for new bids.

**20. DEVIATION FROM SPECIFICATIONS:** These specifications are to describe the construction, design, size and quality of equipment (materials) desired, and are not intended to be restrictive to any particular brand. Bids will be considered for brands deviating from the specifications if such brands comply substantially with the specifications. Each deviation from the specification must be stated in a letter, attached to bidder's proposal. Submit complete illustrative and technical data on items bid on. Failure to do so may nullify bid.

**21. DEFAULT:** In the event the bidder to whom a contract is awarded fails to perform in accordance with the terms and conditions of the bid or the contract, the District may terminate their orders, in a whole or in part, in accordance with the TERMINATION FOR DEFAULT provision of this bid.

**22. TERMINATION FOR DEFAULT:** The District may, by written notice of default to the successful bidder, terminate the contract in whole or in part if:

A. The successful bidder fails or neglects to perform any of the services listed herein in the manner and time specified, or if, in the opinion of the District, the items(s) provided fail to perform satisfactorily.

OR

B. The successful bidder fails to perform any of the other provisions of the bid or purchase order and does not cure such failure within a period of two (2) days (or such longer period as the District may authorize in writing) after receipt of notice from the Newport-Mesa Unified School District specifying such failure. In the event the District terminates the contract, in whole or in part, the District may acquire equipment, similar to those so terminated from

another source and the successful bidder shall be liable for any excess costs of acquisitions of such similar supplies.

23. **VENDOR NOT OFFICER, EMPLOYEE, OR AGENT OF DISTRICT:** While engaged in a carrying out the terms and conditions of the contract, the successful bidder is an independent contractor and not an office, employee, or agent of the District.
24. **ANTI-DISCRIMINATION:** It is the policy of the Newport Mesa Unified Board of Education that in connection with all services performed for the District, there be no discrimination against any prospective or active employee engaged in the work because of race, color, ancestry, national origin, religious creed, sex, age or marital status, and therefore, the bidder agrees to comply with applicable Federal and California State laws including, but not limited to, the California Fair Employment Practice Act beginning with Labor Code Sections 1410 and 1735. In addition, the bidder agrees to require like compliance by all subcontractors employed by him.
25. **INSPECTION AND ACCEPTANCE:** All items provided under the contract shall meet or exceed the bid specifications and shall comply with all Federal and California State laws governing their production, handling, processing and labeling. Inspection and acceptance of all items shall be at DESTINATION. Items found to be defective or not in accordance with the bid specifications shall be replaced by the successful bidder at no cost to the District. Failure to replace said items shall be considered sufficient cause for default action under the DEFAULT provision of this bid.
26. **INSPECTION OF BIDDER'S FACILITY:** The District reserves the right to inspect the facilities of the bidder prior to award of the contract, and, if representatives of the District determine after such inspection that the bidder is not capable of performing satisfactorily to the District, his bid will be ruled nonresponsive. Additionally, the District reserves the right to inspect the successful bidder's facility during the contract period.
27. **INDEMNIFICATION:** Bidder agrees to defend, indemnify, save, and hold harmless the District and any of their governing bodies, the individuals, thereof, and all officers, agents, employees, representatives, and volunteers from all loss, cost, and expense (including, but not by way of limitation, attorneys' fees and other related legal costs) arising out of any liability or claim of liability for injury, damage, or loss sustained or claimed to have been sustained arising out of, or occurring as a result of the Bidder's performance or failure to perform services under this Bid, or resulting from or in any way directly or indirectly connected with the performance or nonperformance of the District, pertaining to this bid. Bidder further agrees to waive all rights of subrogation against the District and shall pay for any and all injury, damage, or loss to the District. The provisions of this indemnification clause shall not be limited to the availability or collectability of insurance coverage, nor do these provisions apply to any injury, damage or loss caused solely by the negligence of the District.
28. **PROTESTS AFTER AWARD:** Any protest against the award of a contract pursuant to this bid must be received within five (5) calendar days after receipt of a written notice of the District's intent to award to another bidder. The District shall not be obligated to consider protests received after the above-specified deadlines. All protests must be in writing and submitted to the Coordinator III, Purchasing & Contracts.

29. **DISCOUNTS:** Cash discounts shall not be considered in determining low bid.
30. **CATALOG DISCOUNTS:** The District requests the option to purchase additional items from bidder's catalog not-listed in bid. The District requests that bidders list a percentage discount on manufacturer(s) entire equipment line in addition to the specific models of equipment that are listed in this bid. Please state percent discount to deduct from catalog list prices at the designated place on the bid. The discount will apply to the manufacturer's current and future retail pricing at the time orders are placed. If bidders are offering more than one discount for a particular manufacturer, please include or attach the discount structure with bid response. After award, successful bidder(s) will be responsible to provide catalogs and brochures to the District. The published catalog price must be verifiable during the course of the year for audit purposes. All discounted pricing will be subject to the same terms and conditions as the bid items. Any exceptions to across the board discounts off of Manufacturer's Price List should be submitted with bid documents. **Response will not affect the award of the contract.**
31. **CAL-OSHA:** Bidders certify, by submitting their signed bid, that all items being bid meet or exceed all applicable CAL-OSHA Codes.
32. **PERMITS AND LICENSES:** The Contractor and all of his employees or agents shall secure and maintain in force such licenses and permits as are required by law in connection with the furnishing of items herein listed. All operations and materials shall be in accordance with law. Failure to do so may result in termination of the contract under the default provision of the bid.
33. **EMPLOYEE BACKGROUND CHECKS:** At the time of contract award and during the entire term of the contract, the successful bidder, including all subcontractors, shall fully comply with the provisions of Education Code Sections 45125.1 and 45125.2 when District determines that the successful bidder's employees and employees of subcontractors will have more than limited contact with pupils in the performance of the work. In addition, it shall be the District's responsibility to take appropriate steps to protect the safety of any pupils that may come in contact with the successful bidder.
34. **DRUG AND ALCOHOL FREE WORKPLACE:** The successful bidder hereby certifies, under penalty of perjury, under the laws of the State of California that under the contract he will comply with the requirements of the Drug-Free Workplace Act of 1988 (Government Code Section 8350 et. seq.) and the Newport Mesa Unified Board of Education's Policy (BP 4020). Therefore, the work site shall be kept drug and alcohol free at all times
35. **TOBACCO-FREE WORKPLACE** The successful bidder hereby agrees, under the contract, he will comply with the Newport Mesa Unified Board of Education's Policy (BP 3515.3) which states: "The Governing Board recognizes the health hazards associated with smoking and the use of tobacco products, including the breathing of second-hand smoke, and desires to provide a healthy environment for students and staff." Therefore, the work site shall be kept tobacco free and smoke-free at all times.

**CONTINUED ON NEXT PAGE**

**36. BID DOCUMENTS:** The complete bid includes the following documents:

- Notice Calling for Bids
- Instructions for Bidders
- Pricing Matrix
- Special Conditions
- Bid Form
- Non-collusion Affidavit

Any of these shall be interpreted to include all the provisions of the other documents as though fully set out therein. The bidder should fully acquaint him/herself with the terms and conditions affecting the performance of the contract. Submission of a bid shall be taken as prima facie evidence of compliance with this provision

**PRICING MATRIX**

| Line Item # | Unit | Description                               | Brand | Model | Estimated QTY | Price     |
|-------------|------|-------------------------------------------|-------|-------|---------------|-----------|
| 1           | EA   | SCH-40 PVC Riser Thread, 1/2"             | N/A   | N/A   | 200           | \$ 166.00 |
| 2           | EA   | SCH-40 PVC 1 1/2" Slip Cap                | N/A   | N/A   | 50            | \$ 53.00  |
| 3           | EA   | SCH-40 PVC 1 1/4"x1 1/4"x1/2" Tee SxSxT   | N/A   | N/A   | 50            | \$ 172.00 |
| 4           | EA   | SCH-40 PVC 1/2" Slip Cap                  | N/A   | N/A   | 50            | \$ 21.00  |
| 5           | EA   | SCH-40 PVC 2" Slip Cap                    | N/A   | N/A   | 50            | \$ 69.50  |
| 6           | EA   | SCH-40 PVC 3/4" Slip Cap                  | N/A   | N/A   | 50            | \$ 23.50  |
| 7           | EA   | SCH-40 PVC Slip Reducer Bushing 3/4"x1/2" | N/A   | N/A   | 50            | \$ 23.50  |
| 8           | EA   | SCH-40 PVC Slip Reducer Bushing 1"x1/2"   | N/A   | N/A   | 50            | \$ 41.50  |
| 9           | EA   | SCH-40 PVC 1 1/2" Threaded Plug           | N/A   | N/A   | 25            | \$ 59.00  |
| 10          | EA   | SCH-40 PVC 1 1/4"x2" Tee SxSxS            | N/A   | N/A   | 25            | \$ 131.25 |
| 11          | EA   | SCH-40 PVC 1" Elbow SxS 90 Degrees        | N/A   | N/A   | 25            | \$ 20.75  |
| 12          | EA   | SCH-40 PVC 1" T Threaded Plug             | N/A   | N/A   | 25            | \$ 52.75  |
| 13          | EA   | SCH-40 PVC 1" Threaded Plug               | N/A   | N/A   | 25            | \$ 52.75  |
| 14          | EA   | SCH-40 PVC 1" TxT Elbow 90 Degrees        | N/A   | N/A   | 25            | \$ 87.75  |
| 15          | EA   | SCH-40 PVC 1/2" Tee SxSxS                 | N/A   | N/A   | 25            | \$ 13.50  |
| 16          | EA   | SCH-40 PVC 1/2" Threaded Plug             | N/A   | N/A   | 25            | \$ 29.75  |
| 17          | EA   | SCH-40 PVC 1/2" TxT Elbow 90 Degrees      | N/A   | N/A   | 25            | \$ 27.25  |
| 18          | EA   | SCH-40 PVC 2 1/2" Elbow SxS 90 Degrees    | N/A   | N/A   | 25            | \$ 200.75 |
| 19          | EA   | SCH-40 PVC 2" Elbow SxS 90 Degrees        | N/A   | N/A   | 25            | \$ 66.25  |

| Line Item # | Unit | Description                                 | Brand | Model | Estimated QTY | Price     |
|-------------|------|---------------------------------------------|-------|-------|---------------|-----------|
| 20          | EA   | SCH-40 PVC 2" TxT Elbow 90 Degrees          | N/A   | N/A   | 25            | \$ 174.00 |
| 21          | EA   | SCH-40 PVC 3/4" T Threaded Plug             | N/A   | N/A   | 25            | \$ 32.75  |
| 22          | EA   | SCH-40 PVC 3/4" Threaded Plug               | N/A   | N/A   | 25            | \$ 32.75  |
| 23          | EA   | SCH-40 PVC Flowspan Coupling 1 1/4"         | N/A   | N/A   | 25            | \$ 577.25 |
| 24          | EA   | SCH-40 PVC Flowspan Coupling 1"             | N/A   | N/A   | 25            | \$ 294.25 |
| 25          | EA   | SCH-40 PVC Flowspan Coupling 1/2"           | N/A   | N/A   | 25            | \$ 230.75 |
| 26          | EA   | SCH-40 PVC Flowspan Coupling 2"             | N/A   | N/A   | 25            | \$ 916.75 |
| 27          | EA   | SCH-40 PVC Flowspan Coupling 3/4"           | N/A   | N/A   | 25            | \$ 258.00 |
| 28          | EA   | SCH-40 PVC Slip Reducer Bushing 1 1/4"x1"   | N/A   | N/A   | 25            | \$ 28.00  |
| 29          | EA   | SCH-40 PVC Slip Reducer Bushing 1 1/4"x1/2" | N/A   | N/A   | 25            | \$ 27.25  |
| 30          | EA   | SCH-40 PVC Slip Reducer Bushing 1 1/4"x3/4" | N/A   | N/A   | 25            | \$ 28.50  |
| 31          | EA   | SCH-80 PVC 1/2" Coupling                    | N/A   | N/A   | 100           | \$ 381.00 |
| 32          | EA   | SCH-80 PVC 1/2"x4" Nipple                   | N/A   | N/A   | 60            | \$ 40.80  |
| 33          | EA   | SCH-80 PVC 1/2"x6" Nipple                   | N/A   | N/A   | 60            | \$ 49.80  |
| 34          | EA   | SCH-80 PVC 3/4" Slip Cap                    | N/A   | N/A   | 60            | \$ 231.00 |
| 35          | EA   | SCH-80 PVC 1/2" Tee                         | N/A   | N/A   | 50            | \$ 292.50 |
| 36          | EA   | SCH-80 PVC 1/2"x2" Nipple                   | N/A   | N/A   | 50            | \$ 25.50  |
| 37          | EA   | SCH-80 PVC 1/2"x3" Nipple                   | N/A   | N/A   | 50            | \$ 35.50  |
| 38          | EA   | SCH-80 PVC 3/4"x5 1/2" Nipple               | N/A   | N/A   | 50            | \$ 239.00 |
| 39          | EA   | SCH-80 PVC 3/4" Close                       | N/A   | N/A   | 50            | \$ 26.50  |
| 40          | EA   | SCH-80 PVC 3/4"x2" Nipple                   | N/A   | N/A   | 50            | \$ 25.50  |

| Line Item # | Unit | Description                             | Brand | Model | Estimated QTY | Price       |
|-------------|------|-----------------------------------------|-------|-------|---------------|-------------|
| 41          | EA   | SCH-80 PVC 3/4"x3" Nipple               | N/A   | N/A   | 50            | \$ 34.00    |
| 42          | EA   | SCH-80 PVC 3/4"x4" Nipple               | N/A   | N/A   | 50            | \$ 40.50    |
| 43          | EA   | SCH-80 PVC 3/4"x5" Nipple               | N/A   | N/A   | 50            | \$ 47.00    |
| 44          | EA   | SCH-80 PVC 3/4"x6" Nipple               | N/A   | N/A   | 50            | \$ 56.50    |
| 45          | EA   | SCH-80 PVC Slip Reducer Bushing 1"x1/2" | N/A   | N/A   | 50            | \$ 187.00   |
| 46          | EA   | SCH-80 PVC 1 1/4" Tee                   | N/A   | N/A   | 40            | \$ 798.40   |
| 47          | EA   | SCH-80 PVC 1 1/4"x12" Nipple            | N/A   | N/A   | 40            | \$ 166.40   |
| 48          | EA   | SCH-80 PVC 1 1/4"x6" Nipple             | N/A   | N/A   | 40            | \$ 45.20    |
| 49          | EA   | SCH-80 PVC 3/4" Tee                     | N/A   | N/A   | 40            | \$ 232.00   |
| 50          | EA   | SCH-80 PVC 3/4"x10" Nipple              | N/A   | N/A   | 40            | \$ 196.80   |
| 51          | EA   | SCH-80 PVC 3/4"x7" Nipple               | N/A   | N/A   | 40            | \$ 178.40   |
| 52          | EA   | SCH-80 PVC 1 1/2" Slip Cap              | N/A   | N/A   | 30            | \$ 243.30   |
| 53          | EA   | SCH-80 PVC 1" Slip Cap                  | N/A   | N/A   | 30            | \$ 204.30   |
| 54          | EA   | SCH-80 PVC 1/2" Slip Cap                | N/A   | N/A   | 30            | \$ 109.80   |
| 55          | EA   | SCH-80 PVC 1/2"x12" Nipple              | N/A   | N/A   | 30            | \$ 42.00    |
| 56          | EA   | SCH-80 PVC 1/2"x8" Nipple               | N/A   | N/A   | 30            | \$ 31.50    |
| 57          | EA   | SCH-80 PVC 2" Slip Cap                  | N/A   | N/A   | 30            | \$ 471.60   |
| 58          | EA   | SCH-80 PVC 3" Tee                       | N/A   | N/A   | 30            | \$ 1,009.20 |
| 59          | EA   | SCH-80 PVC 1 1/4" Coupling              | N/A   | N/A   | 25            | \$ 181.75   |
| 60          | EA   | SCH-80 PVC 1" Coupling                  | N/A   | N/A   | 25            | \$ 125.50   |
| 61          | EA   | SCH-80 PVC 1/2"x10" Nipple              | N/A   | N/A   | 25            | \$ 100.00   |

| Line Item # | Unit | Description                                                                                                                   | Brand          | Model  | Estimated QTY | Price        |
|-------------|------|-------------------------------------------------------------------------------------------------------------------------------|----------------|--------|---------------|--------------|
| 62          | EA   | SCH-80 PVC 1/2"x15" Nipple                                                                                                    | N/A            | N/A    | 25            | \$ 157.75    |
| 63          | EA   | SCH-80 PVC 1/2"x5" Nipple                                                                                                     | N/A            | N/A    | 25            | \$ 24.75     |
| 64          | EA   | SCH-80 PVC 2 1/2" Coupling                                                                                                    | N/A            | N/A    | 25            | \$ 494.50    |
| 65          | EA   | SCH-80 PVC 2" Coupling                                                                                                        | N/A            | N/A    | 25            | \$ 494.50    |
| 66          | EA   | SCH-80 PVC 3/4" Coupling                                                                                                      | N/A            | N/A    | 25            | \$ 494.50    |
| 67          | EA   | SCH-80 PVC 3/4"x3 1/2" Nipple                                                                                                 | N/A            | N/A    | 25            | \$ 494.50    |
| 68          | EA   | PVC Flowspan Expansion Repair Coupling 1 1/2"                                                                                 | N/A            | N/A    | 25            | \$ 494.50    |
| 69          | KT   | FEBCO Relief Valve, 2 1/2-10 FRK825/826YD-RV Rubber parts kit                                                                 | FEBCO          | 905102 | 60            | \$ 20,140.20 |
| 70          | KT   | FEBCO Rubber Kit 860-6, 2"-10"                                                                                                | FEBCO          | 905316 | 60            | \$ 11,674.80 |
| 71          | KT   | FEBCO Rubber Parts RC 4-4, FRK 805/825/826, 4" single check rubber repair kit, 1 <sup>st</sup> or 2 <sup>nd</sup> check valve | FEBCO          | 90506  | 10            | \$ 1,748.20  |
| 72          | KT   | FEBCO Rubber Parts RC 4-6, FRK 805/825/826 RC4-6 1st or 2nd check rubber                                                      | FEBCO          | 905062 | 10            | \$ 2,468.20  |
| 73          | KT   | FEBCO 1 1/2-2 Rubber Parts Kit, FRK 825Y-RT                                                                                   | FEBCO          | 905112 | 10            | \$ 1,674.30  |
| 74          | KT   | FEBCO 2 1/2 1st + 2nd Rubber Parts, FRK 805/825/826 RC4                                                                       | FEBCO          | 905059 | 10            | \$ 775.30    |
| 75          | KT   | FEBCO 2 1/2-10 Rubber Parts Kit, FRK 860/880V-RV                                                                              | FEBCO          | 905192 | 10            | \$ 4,957.90  |
| 76          | KT   | FEBCO 3 Rubber Parts, FRK 805/825/826 RC4                                                                                     | FEBCO          | 905060 | 10            | \$ 1,165.40  |
| 77          | KT   | FEBCO Disc Assembly Check Repair Kit, 860-4                                                                                   | FEBCO          | 905410 | 10            | \$ 5,494.30  |
| 78          | KT   | Genuine R Co. Repair Kit Solenoid 25 Super Max 25 VAC                                                                         | The Source Inc | SOL25  | 10            | No Bid       |
| 79          | KT   | Kit Solenoid Assembly Threaded 24 VT                                                                                          | Superior       | 16200  | 50            | No Bid       |
| 80          | EA   | Rain Bird TBOS Solenoid Adapter Brass Valve                                                                                   | Rain Bird      | K80610 | 40            | No Bid       |
| 81          | EA   | Rain Bird Solenoid Assembly                                                                                                   | Rain Bird      | B31800 | 25            | No Bid       |
| 82          | EA   | Rain Bird 3/4" Valve Coupling Copper Quick                                                                                    | Rain Bird      | B11502 | 10            | No Bid       |

| Line Item # | Unit | Description                                  | Brand     | Model         | Estimated QTY | Price       |
|-------------|------|----------------------------------------------|-----------|---------------|---------------|-------------|
| 83          | BX   | Rainbird 8005 P/C- Comes with Nozzles, 12/BX | Rain Bird | 8005          | 48            | No Bid      |
| 84          | BX   | Rainbird 5004 P/C- Comes with Nozzles, 20/BX | Rain Bird | 5004          | 48            | No Bid      |
| 85          | BX   | Toro 570-4", 50/BX                           | Toro      | 570Z-4P-PR    | 24            | No Bid      |
| 86          | BX   | Toro 570 6", 50/BX                           | Toro      | 570Z-6P-PR    | 24            | No Bid      |
| 87          | BG   | Toro 570 Nozzles 15x1/2, 25/BG               | Toro      | 89-1767       | 48            | No Bid      |
| 88          | BX   | Toro 570 Nozzles 15 x1/4, 25/BX              | Toro      | 89-1769       | 24            | No Bid      |
| 89          | BX   | Toro 570 Nozzles 15 Full, 25/BX              | Toro      | 89-1770       | 24            | No Bid      |
| 90          | BG   | Toro 570 Nozzles 12x1/2, 25/BG               | Toro      | 89-1773       | 48            | No Bid      |
| 91          | BX   | Toro 570 Nozzles 12x1/4, 25/BX               | Toro      | 89-1775       | 24            | No Bid      |
| 92          | BX   | Toro 570 Nozzles 12xFull, 25/BX              | Toro      | 89-1770       | 24            | No Bid      |
| 93          | BG   | Toro 570 Nozzles 10x1/2, 25/BG               | Toro      | 89-1779       | 48            | No Bid      |
| 94          | BX   | Toro 570 Nozzles 10x1/4, 25/BX               | Toro      | 89-1781       | 24            | No Bid      |
| 95          | BX   | Toro 570 Nozzles 10xFull, 25/BX              | Toro      | 89-1776       | 24            | No Bid      |
| 96          | EA   | Weld-on PVC Cement Gray, 711-PVC             | Weld-On   | 13974         | 50            | \$ 2,992.50 |
| 97          | EA   | Weld-on PVC Cement Purple Primer             | Weld-On   | 13994         | 50            | \$ 2,646.50 |
| 98          | EA   | Christy's PVC Pipe Cement, Red hot blue glue | Christy's | RH-RHBV-HP-36 | 50            | No Bid      |

## SPECIAL CONDITIONS

### CATALOG DISCOUNTS:

The District requests the option to purchase additional items from bidder's catalog not listed in the bid. The District requests that bidders list a percentage discount on manufacturer(s) entire equipment line in addition to the specific models of equipment that are listed in this bid. Please state a percentage discount to deduct from catalog list prices at the designated place on the bid. The discount will apply to the manufacturer's current and future retail pricing at the time orders are placed. If bidders are offering more than one discount for a particular manufacturer, please include or attach the discount structure with bid response. After award, the successful bidder(s) will be responsible for providing catalogs and brochures to the District. The published catalog price must be verifiable during the course of the year for audit purposes. All discounted pricing will be subject to the same terms and conditions as the bid items. Any exceptions to across-the-board discounts off of Manufacturer's Price List should be submitted with bid documents. **Response will not affect the award of the contract.**

Option Granted \_\_\_\_\_ Option Not Granted \_\_\_\_\_ **X** \_\_\_\_\_

**\*Please insert additional pages if needed.**

| <b>CATALOG DISCOUNT PER CATEGORY*</b> |                     |
|---------------------------------------|---------------------|
| <b>Sprinklers</b>                     |                     |
| Brand                                 | Percentage Discount |
| N/A                                   | 0%                  |
|                                       |                     |
|                                       |                     |
|                                       |                     |
| <b>Controllers &amp; Sensors</b>      |                     |
| Brand                                 | Percentage Discount |
| N/A                                   | 0%                  |
|                                       |                     |
|                                       |                     |
|                                       |                     |
| <b>Pipe &amp; Tubing</b>              |                     |
| Brand                                 | Percentage Discount |
| N/A                                   | 0%                  |
|                                       |                     |
|                                       |                     |
|                                       |                     |
| <b>Pipe Cement/Primer/Sealant</b>     |                     |
| Brand                                 | Percentage Discount |
| N/A                                   | 0%                  |
|                                       |                     |
|                                       |                     |
|                                       |                     |
| <b>Irrigation Fittings</b>            |                     |
| Brand                                 | Percentage Discount |
| N/A                                   | 0%                  |
|                                       |                     |
|                                       |                     |
|                                       |                     |

| Backflows                |                     |
|--------------------------|---------------------|
| Brand                    | Percentage Discount |
| N/A                      | 0%                  |
|                          |                     |
|                          |                     |
|                          |                     |
| Valves                   |                     |
| Brand                    | Percentage Discount |
| N/A                      | 0%                  |
|                          |                     |
|                          |                     |
|                          |                     |
| Valve Boxes              |                     |
| Brand                    | Percentage Discount |
| N/A                      | 0%                  |
|                          |                     |
|                          |                     |
|                          |                     |
| Irrigation Pumps         |                     |
| Brand                    | Percentage Discount |
| N/A                      | 0%                  |
|                          |                     |
|                          |                     |
| Drip & Micro Irrigation  |                     |
| Brand                    | Percentage Discount |
| N/A                      | 0%                  |
|                          |                     |
|                          |                     |
|                          |                     |
| Nipples                  |                     |
| Brand                    | Percentage Discount |
| N/A                      | 0%                  |
|                          |                     |
|                          |                     |
|                          |                     |
| Hose Fittings            |                     |
| Brand                    | Percentage Discount |
| N/A                      | 0%                  |
|                          |                     |
|                          |                     |
|                          |                     |
| Electrical Products Wire |                     |
| Brand                    | Percentage Discount |
| N/A                      | 0%                  |
|                          |                     |
|                          |                     |

|                                       |                            |
|---------------------------------------|----------------------------|
|                                       |                            |
|                                       |                            |
| <b>Nozzles</b>                        |                            |
| <b>Brand</b>                          | <b>Percentage Discount</b> |
| N/A                                   | 0%                         |
|                                       |                            |
|                                       |                            |
|                                       |                            |
|                                       |                            |
| <b>Swing Joints &amp; Flex Risers</b> |                            |
| <b>Brand</b>                          | <b>Percentage Discount</b> |
| N/A                                   | 0%                         |
|                                       |                            |
|                                       |                            |
|                                       |                            |
| <b>Smart Irrigation</b>               |                            |
| <b>Brand</b>                          | <b>Percentage Discount</b> |
| N/A                                   | 0%                         |
|                                       |                            |
|                                       |                            |
|                                       |                            |

**BID NO. 103-27**  
**IRRIGATION SUPPLIES**

- This bid is piggybackable to all public entities throughout the state of California.**

6. The Board desires the right and option to extend any contract awarded hereunder for a period of one or two years from date of expiration, under the same price, terms and conditions, subject only to manufacturer's published price increases as set forth herein.

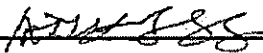
| Option Granted | Option Not Granted | X |
|----------------|--------------------|---|
|                |                    |   |

## Bid Form

Date: 09/25/2026

Proper Name of Bidder: Blue Angel International llc

By: Avon Zhang

Signature: 

Phone: (510) 931-7777 / (510) 827-9981

Email: Care@BlueAngel.com

Note: If a bidder is corporation, the legal name of the corporation shall be set forth above together with the signature of authorized officers or agents; if a bidder is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if a bidder is an individual, his full signature shall be placed above.

## **NON-COLLUSION DECLARATION**

The undersigned declares:

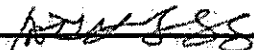
I am the President of Blue Angel International llc, the party making the foregoing Bid.

The Bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The Bid is genuine and not collusive or sham. The Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid. The Bidder has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or to refrain from bidding. The Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the Bid Price of the Bidder or any other Bidder, or to fix any overhead, profit, or cost element of the Bid Price, or of that of any other Bidder. All statements contained in the Bid are true. The Bidder has not, directly or indirectly, submitted his or her Bid Price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a Bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the Bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on September 25, 2026 [date], at Berkeley [city], CA [state].

Name of Bidder Blue Angel International llc

Signature 

Name Avon Zhang

Title President

**BLUE ANGEL INTERNATIONAL LLC**  
 2342 SHATTUCK AVE, STE 800, BERKELEY, CA 94704  
 Phone: (510) 827-9981 / (510) 931-7777 | Email: Care@BlueAngel.com  
 DGS Certified Small Business #2001009 | CDPR Certified Dealer License #45816  
 CAGE Code: 8R0A8 | UEI #T9H6BL2MN2G3 | USDOT #3515250  
 ISO 9001:2015 Certified | Certificate #C2024-00701

**BLUE ANGEL QUOTE #97140, IRRIGATION SUPPLIES**

**QUOTE DATE:** 09/25/2026  
**QUOTE EXPIRES:** 09/25/2027  
**PAYMENT TERMS:** 30 DAYS  
**SHIP VIA:** BEST WAY  
**LEAD TIME:** 5-7 DAYS  
**NOTES:** THANK YOU FOR YOUR BUSINESS!

**QUOTE TO**  
 NEWPORT-MESA UNIFIED SCHOOL DISTRICT  
 NEWPORT MESA USD  
 2985 BEAR ST., BUILDING A  
 COSTA MESA, CA 92626  
 ATTN: EMILY HUGHES  
 PHONE: (714) 424-5086  
 EMAIL: ERHUGHES@NMUSD.US

**SHIP TO**  
 NEWPORT-MESA UNIFIED SCHOOL DISTRICT  
 NEWPORT MESA USD  
 2985 BEAR ST., BUILDING A  
 COSTA MESA, CA 92626  
 ATTN: EMILY HUGHES  
 PHONE: (714) 424-5086  
 EMAIL: ERHUGHES@NMUSD.US

| LINE | DESCRIPTION                                                                                    | QTY | U/M | UNIT PRICE | SUB PRICE |
|------|------------------------------------------------------------------------------------------------|-----|-----|------------|-----------|
| 1.0  | <b>SCH-40 PVC Riser Thread, 1/2"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 434-005             | 200 | EA  | \$ 0.83    | \$ 166.00 |
| 2.0  | <b>SCH-40 PVC 1 1/2" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 447-015                | 50  | EA  | \$ 1.06    | \$ 53.00  |
| 3.0  | <b>SCH-40 PVC 1 1/4"x1 1/4"x1/2" Tee SxSxT</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 402-166   | 50  | EA  | \$ 3.44    | \$ 172.00 |
| 4.0  | <b>SCH-40 PVC 1/2" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 447-005                  | 50  | EA  | \$ 0.42    | \$ 21.00  |
| 5.0  | <b>SCH-40 PVC 2" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 447-020                    | 50  | EA  | \$ 1.39    | \$ 69.50  |
| 6.0  | <b>SCH-40 PVC 3/4" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 447-007                  | 50  | EA  | \$ 0.47    | \$ 23.50  |
| 7.0  | <b>SCH-40 PVC Slip Reducer Bushing 3/4"x1/2"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 437-101 | 50  | EA  | \$ 0.47    | \$ 23.50  |
| 8.0  | <b>SCH-40 PVC Slip Reducer Bushing 1"x1/2"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 437-130   | 50  | EA  | \$ 0.83    | \$ 41.50  |
| 9.0  | <b>SCH-40 PVC 1 1/2" Threaded Plug</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 450-015           | 25  | EA  | \$ 2.36    | \$ 59.00  |
| 10.0 | <b>SCH-40 PVC 1 1/4"x2" Tee SxSxS</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 401-170            | 25  | EA  | \$ 5.25    | \$ 131.25 |
| 11.0 | <b>SCH-40 PVC 1" Elbow SxS 90 Degrees</b><br>MANUFACTURER: SPEARS                              | 25  | EA  | \$ 0.83    | \$ 20.75  |

|      |                                                                                                                                                                                                                                                           |    |    |          |           |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----------|-----------|
|      | MODEL NO.: 406-010                                                                                                                                                                                                                                        |    |    |          |           |
| 12.0 | <b>SCH-40 PVC 1" T Threaded Plug</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 450-010                                                                                                                                                                        | 25 | EA | \$ 2.11  | \$ 52.75  |
| 13.0 | <b>SCH-40 PVC 1" Threaded Plug</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 450-010<br>Note: We are quoting you the 1" PVC Schedule 40 Male Threaded Plug with an SKU of 450-010. Please note that it is just the same item that is quoted for line item 12. | 25 | EA | \$ 2.11  | \$ 52.75  |
| 14.0 | <b>SCH-40 PVC 1" TxT Elbow 90 Degrees</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 408-010                                                                                                                                                                   | 25 | EA | \$ 3.51  | \$ 87.75  |
| 15.0 | <b>SCH-40 PVC 1/2" Tee SxSxS</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 401-005                                                                                                                                                                            | 25 | EA | \$ 0.54  | \$ 13.50  |
| 16.0 | <b>SCH-40 PVC 1/2" Threaded Plug</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 450-005                                                                                                                                                                        | 25 | EA | \$ 1.19  | \$ 29.75  |
| 17.0 | <b>SCH-40 PVC 1/2" TxT Elbow 90 Degrees</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 408-005                                                                                                                                                                 | 25 | EA | \$ 1.09  | \$ 27.25  |
| 18.0 | <b>SCH-40 PVC 2 1/2" Elbow SxS 90 Degrees</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 406-025                                                                                                                                                               | 25 | EA | \$ 8.03  | \$ 200.75 |
| 19.0 | <b>SCH-40 PVC 2" Elbow SxS 90 Degrees</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 406-020                                                                                                                                                                   | 25 | EA | \$ 2.65  | \$ 66.25  |
| 20.0 | <b>SCH-40 PVC 2" TxT Elbow 90 Degrees</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 408-020                                                                                                                                                                   | 25 | EA | \$ 6.96  | \$ 174.00 |
| 21.0 | <b>SCH-40 PVC 3/4" T Threaded Plug</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 450-007                                                                                                                                                                      | 25 | EA | \$ 1.31  | \$ 32.75  |
| 22.0 | <b>SCH-40 PVC 3/4" Threaded Plug</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 450-007<br>Note: We are quoting you the SPEARS 450-007 3/4" PVC Plug MPT SCH40. Please note that this is just the same as the line item 21.                                    | 25 | EA | \$ 1.31  | \$ 32.75  |
| 23.0 | <b>SCH-40 PVC Flowspan Coupling 1 1/4"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: S118-12                                                                                                                                                                  | 25 | EA | \$ 23.09 | \$ 577.25 |
| 24.0 | <b>SCH-40 PVC Flowspan Coupling 1"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: S118-10                                                                                                                                                                      | 25 | EA | \$ 11.77 | \$ 294.25 |
| 25.0 | <b>SCH-40 PVC Flowspan Coupling 1/2"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: S118-05                                                                                                                                                                    | 25 | EA | \$ 9.23  | \$ 230.75 |
| 26.0 | <b>SCH-40 PVC Flowspan Coupling 2"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: S118-20                                                                                                                                                                      | 25 | EA | \$ 36.67 | \$ 916.75 |
| 27.0 | <b>SCH-40 PVC Flowspan Coupling 3/4"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: S118-07                                                                                                                                                                    | 25 | EA | \$ 10.32 | \$ 258.00 |
| 28.0 | <b>SCH-40 PVC Slip Reducer Bushing 1 1/4"x1"</b><br>MANUFACTURER: SPEARS                                                                                                                                                                                  | 25 | EA | \$ 1.12  | \$ 28.00  |

|      |                                                                                                  |     |    |          |           |
|------|--------------------------------------------------------------------------------------------------|-----|----|----------|-----------|
|      | MODEL NO.: 437-168                                                                               |     |    |          |           |
| 29.0 | <b>SCH-40 PVC Slip Reducer Bushing 1 1/4"x1/2"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 437-166 | 25  | EA | \$ 1.09  | \$ 27.25  |
| 30.0 | <b>SCH-40 PVC Slip Reducer Bushing 1 1/4"x3/4"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 437-167 | 25  | EA | \$ 1.14  | \$ 28.50  |
| 31.0 | <b>SCH-80 PVC 1/2" Coupling</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 829-005                    | 100 | EA | \$ 3.81  | \$ 381.00 |
| 32.0 | <b>SCH-80 PVC 1/2"x4" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 882-040                   | 60  | EA | \$ 0.68  | \$ 40.80  |
| 33.0 | <b>SCH-80 PVC 1/2"x6" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 882-060                   | 60  | EA | \$ 0.83  | \$ 49.80  |
| 34.0 | <b>SCH-80 PVC 3/4" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 847-007                    | 60  | EA | \$ 3.85  | \$ 231.00 |
| 35.0 | <b>SCH-80 PVC 1/2" Tee</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 801-005                         | 50  | EA | \$ 5.85  | \$ 292.50 |
| 36.0 | <b>SCH-80 PVC 1/2"x2" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 882-020                   | 50  | EA | \$ 0.51  | \$ 25.50  |
| 37.0 | <b>SCH-80 PVC 1/2"x3" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 882-030                   | 50  | EA | \$ 0.71  | \$ 35.50  |
| 38.0 | <b>SCH-80 PVC 3/4"x5 1/2" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-055               | 50  | EA | \$ 4.78  | \$ 239.00 |
| 39.0 | <b>SCH-80 PVC 3/4" Close</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-005                       | 50  | EA | \$ 0.53  | \$ 26.50  |
| 40.0 | <b>SCH-80 PVC 3/4"x2" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-020                   | 50  | EA | \$ 0.51  | \$ 25.50  |
| 41.0 | <b>SCH-80 PVC 3/4"x3" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-030                   | 50  | EA | \$ 0.68  | \$ 34.00  |
| 42.0 | <b>SCH-80 PVC 3/4"x4 Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-040                    | 50  | EA | \$ 0.81  | \$ 40.50  |
| 43.0 | <b>SCH-80 PVC 3/4"x5" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-050                   | 50  | EA | \$ 0.94  | \$ 47.00  |
| 44.0 | <b>SCH-80 PVC 3/4"x6" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-060                   | 50  | EA | \$ 1.13  | \$ 56.50  |
| 45.0 | <b>SCH-80 PVC Slip Reducer Bushing 1"x1/2"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 837-130     | 50  | EA | \$ 3.74  | \$ 187.00 |
| 46.0 | <b>SCH-80 PVC 1 1/4" Tee</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 801-012                       | 40  | EA | \$ 19.96 | \$ 798.40 |

|      |                                                                                   |    |    |          |             |
|------|-----------------------------------------------------------------------------------|----|----|----------|-------------|
| 47.0 | <b>SCH-80 PVC 1 1/4"x12" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 885-120 | 40 | EA | \$ 4.16  | \$ 166.40   |
| 48.0 | <b>SCH-80 PVC 1 1/4"x6" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 885-060  | 40 | EA | \$ 1.13  | \$ 45.20    |
| 49.0 | <b>SCH-80 PVC 3/4" Tee</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 801-007          | 40 | EA | \$ 5.80  | \$ 232.00   |
| 50.0 | <b>SCH-80 PVC 3/4"x10" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-100   | 40 | EA | \$ 4.92  | \$ 196.80   |
| 51.0 | <b>SCH-80 PVC 3/4"x7" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-070    | 40 | EA | \$ 4.46  | \$ 178.40   |
| 52.0 | <b>SCH-80 PVC 1 1/2" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 847-015   | 30 | EA | \$ 8.11  | \$ 243.30   |
| 53.0 | <b>SCH-80 PVC 1" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 847-010       | 30 | EA | \$ 6.81  | \$ 204.30   |
| 54.0 | <b>SCH-80 PVC 1/2" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 847-005     | 30 | EA | \$ 3.66  | \$ 109.80   |
| 55.0 | <b>SCH-80 PVC 1/2"x12" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 882-120   | 30 | EA | \$ 1.40  | \$ 42.00    |
| 56.0 | <b>MANUFACTURER: SPEARS</b><br>MODEL NO.: 882-080                                 | 30 | EA | \$ 1.05  | \$ 31.50    |
| 57.0 | <b>SCH-80 PVC 2" Slip Cap</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 847-020       | 30 | EA | \$ 15.72 | \$ 471.60   |
| 58.0 | <b>SCH-80 PVC 3" Tee</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 801-030            | 30 | EA | \$ 33.64 | \$ 1,009.20 |
| 59.0 | <b>SCH-80 PVC 1 1/4" Coupling</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 829-012   | 25 | EA | \$ 7.27  | \$ 181.75   |
| 60.0 | <b>SCH-80 PVC 1" Coupling</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 829-010       | 25 | EA | \$ 5.02  | \$ 125.50   |
| 61.0 | <b>SCH-80 PVC 1/2"x10" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 882-100   | 25 | EA | \$ 4.00  | \$ 100.00   |
| 62.0 | <b>SCH-80 PVC 1/2"x15" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 882-150   | 25 | EA | \$ 6.31  | \$ 157.75   |
| 63.0 | <b>SCH-80 PVC 1/2"x5" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 882-050    | 25 | EA | \$ 0.99  | \$ 24.75    |
| 64.0 | <b>SCH-80 PVC 2 1/2" Coupling</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 829-025   | 25 | EA | \$ 19.78 | \$ 494.50   |
| 65.0 | <b>SCH-80 PVC 2" Coupling</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 829-020       | 25 | EA | \$ 19.78 | \$ 494.50   |

|      |                                                                                                                                                                                                                                                                                     |    |      |           |              |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|-----------|--------------|
| 66.0 | <b>SCH-80 PVC 3/4" Coupling</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 829-007                                                                                                                                                                                                       | 25 | EA   | \$ 19.78  | \$ 494.50    |
| 67.0 | <b>SCH-80 PVC 3/4"x3 1/2" Nipple</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: 883-035                                                                                                                                                                                                  | 25 | EA   | \$ 19.78  | \$ 494.50    |
| 68.0 | <b>PVC Flowspan Expansion Repair Coupling 1 1/2"</b><br>MANUFACTURER: SPEARS<br>MODEL NO.: S118-15                                                                                                                                                                                  | 25 | EA   | \$ 19.78  | \$ 494.50    |
| 69.0 | <b>FEBCO Relief Valve, 2 1/2-10 FRK825/826YD-RV Rubber parts kit</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905102                                                                                                                                                                    | 60 | KT   | \$ 335.67 | \$ 20,140.20 |
| 70.0 | <b>FEBCO Rubber Kit 860-6, 2"-10"</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905316                                                                                                                                                                                                   | 60 | EACH | \$ 194.58 | \$ 11,674.80 |
| 71.0 | <b>FEBCO Rubber Parts RC 4-4, FRK 805/825/826, 4" single check rubber repair kit, 1st or 2nd check valve</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905061<br>Note: We are quoting you the FEBCO 805YD/806YD/825YD/826YD-RC 4 check rubber kit with a correct Model number of 905061. | 10 | KT   | \$ 174.82 | \$ 1,748.20  |
| 72.0 | <b>FEBCO Rubber Parts RC 4-6, FRK 805/825/826 RC4-6 1st or 2nd check rubber</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905062                                                                                                                                                         | 10 | KT   | \$ 246.82 | \$ 2,468.20  |
| 73.0 | <b>FEBCO 1 1/2-2 Rubber Parts Kit, FRK 825Y-RT</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905112                                                                                                                                                                                      | 10 | KT   | \$ 167.43 | \$ 1,674.30  |
| 74.0 | <b>FEBCO 2 1/2 1st + 2nd Rubber Parts, FRK 805/825/826 RC4</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905059                                                                                                                                                                          | 10 | KT   | \$ 77.53  | \$ 775.30    |
| 75.0 | <b>FEBCO 2 1/2-10 Rubber Parts Kit, FRK 860/880V-RV</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905192                                                                                                                                                                                 | 10 | KT   | \$ 495.79 | \$ 4,957.90  |
| 76.0 | <b>FEBCO 3 Rubber Parts, FRK 805/825/826 RC4</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905060                                                                                                                                                                                        | 10 | KT   | \$ 116.54 | \$ 1,165.40  |
| 77.0 | <b>FEBCO Disc Assembly Check Repair Kit, 860-4</b><br>MANUFACTURER: FEBCO<br>MODEL NO.: 905410                                                                                                                                                                                      | 10 | KT   | \$ 549.43 | \$ 5,494.30  |
| 78.0 | <b>Genuine R Co. Repair Kit Solenoid 25 Super Max 25 VAC</b><br>MANUFACTURER: The Source Inc<br>MODEL NO.: SOL25                                                                                                                                                                    | 10 | KT   | NO BID    | NO BID       |
| 79.0 | <b>Kit Solenoid Assembly Threaded 24 VT</b><br>MANUFACTURER: Superior<br>MODEL NO.: 16200                                                                                                                                                                                           | 50 | KT   | NO BID    | NO BID       |
| 80.0 | <b>Rain Bird TBOS Solenoid Adapter Brass Valve</b><br>MANUFACTURER: Rain Bird                                                                                                                                                                                                       | 40 | EA   | NO BID    | NO BID       |

|      |                                                                                                                                                            |    |    |          |             |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----------|-------------|
|      | MODEL NO.: K80610                                                                                                                                          |    |    |          |             |
| 81.0 | <b>Rain Bird Solenoid Assembly</b><br>MANUFACTURER: Rain Bird<br>MODEL NO.: B31800                                                                         | 25 | EA | NO BID   | NO BID      |
| 82.0 | <b>Rain Bird 3/4" Valve Coupling Copper Quick</b><br>MANUFACTURER: Rain Bird<br>MODEL NO.: B11502                                                          | 10 | EA | NO BID   | NO BID      |
| 83.0 | <b>Rainbird 8005 P/C- Comes with Nozzles, 12/BX</b><br>MANUFACTURER: Rain Bird<br>MODEL NO.: 8005                                                          | 48 | EA | NO BID   | NO BID      |
| 84.0 | <b>Rainbird 5004 P/C- Comes with Nozzles, 20/BX</b><br>MANUFACTURER: Rain Bird<br>MODEL NO.: 5004                                                          | 48 | EA | NO BID   | NO BID      |
| 85.0 | <b>Toro 570-4", 50/BX</b><br>MANUFACTURER: Toro<br>MODEL NO.: 570Z-4P-PR                                                                                   | 24 | EA | NO BID   | NO BID      |
| 86.0 | <b>Toro 570 6", 50/BX</b><br>MANUFACTURER: Toro<br>MODEL NO.: 570Z-6P-PR                                                                                   | 24 | EA | NO BID   | NO BID      |
| 87.0 | <b>Toro 570 Nozzles 15x1/2, 25/BG</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1767                                                                          | 48 | EA | NO BID   | NO BID      |
| 88.0 | <b>Toro 570 Nozzles 15 x1/4, 25/BX</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1769                                                                         | 24 | EA | NO BID   | NO BID      |
| 89.0 | <b>Toro 570 Nozzles 15 Full, 25/BX</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1770                                                                         | 24 | EA | NO BID   | NO BID      |
| 90.0 | <b>Toro 570 Nozzles 12x1/2, 25/BG</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1773                                                                          | 48 | EA | NO BID   | NO BID      |
| 91.0 | <b>Toro 570 Nozzles 12x1/4, 25/BX</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1775                                                                          | 24 | EA | NO BID   | NO BID      |
| 92.0 | <b>Toro 570 Nozzles 12xFull, 25/BX</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1770                                                                         | 24 | EA | NO BID   | NO BID      |
| 93.0 | <b>Toro 570 Nozzles 10x1/2, 25/BG</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1779                                                                          | 48 | EA | NO BID   | NO BID      |
| 94.0 | <b>Toro 570 Nozzles 10x1/4, 25/BX</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1781                                                                          | 24 | EA | NO BID   | NO BID      |
| 95.0 | <b>Toro 570 Nozzles 10xFull, 25/BX</b><br>MANUFACTURER: Toro<br>MODEL NO.: 89-1776                                                                         | 24 | EA | NO BID   | NO BID      |
| 96.0 | <b>Weld-on PVC Cement Gray, 711-PVC</b><br>MANUFACTURER: IPS<br>MODEL NO.: 10119<br>Note: We are quoting you the IPS 10119 711 quart gray body PVC Cement. | 50 | EA | \$ 59.85 | \$ 2,992.50 |
| 97.0 | <b>Weld-on PVC Cement Purple Primer</b><br>MANUFACTURER: IPS<br>MODEL NO.: 10223                                                                           | 50 | EA | \$ 52.93 | \$ 2,646.50 |

|      |                                                                                                                                                                                                  |    |    |        |        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|--------|--------|
| 98.0 | Note: We are quoting you the IPS 10223 P-70 quart Purple low-VOC PVC & CPVC Primer<br><b>Christy's PVC Pipe Cement, Red hot blue glue</b><br>MANUFACTURER: Christy's<br>MODEL NO.: RH-RHBV-HP-36 | 50 | EA | NO BID | NO BID |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|--------|--------|

**General Notes:**

(1) Quote is valid for 1 year, unless a major supply chain or economic disruption occurs.

(2) In stock items can be delivered within 5-7 days however once item gets out of stock at the time of order, lead time might take 3-6 weeks.

|                          |                      |
|--------------------------|----------------------|
| <b>Sub Total</b>         | \$ 68,152.85         |
| <b>Sales Tax (7.75%)</b> | \$ 5,281.85          |
| <b>Freight</b>           | <b>Free Shipping</b> |
| <b>Total</b>             | <b>\$ 73,434.70</b>  |

Thank you very much for the opportunity to provide this quotation. We do our best to give you good price & service.

| Line Item # | Unit | Description                                                                                                                                                                                          | Brand  | Model   | Estimated QTY | Price     |
|-------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|---------------|-----------|
| 1           | EA   | SCH-40 PVC Riser Thread, 1/2"                                                                                                                                                                        | SPEARS | 434-005 | 200           | \$ 166.00 |
| 2           | EA   | SCH-40 PVC 1 1/2" Slip Cap                                                                                                                                                                           | SPEARS | 447-015 | 50            | \$ 53.00  |
| 3           | EA   | SCH-40 PVC 1 1/4"x1 1/4"x1/2" Tee SxSxT                                                                                                                                                              | SPEARS | 402-166 | 50            | \$ 172.00 |
| 4           | EA   | SCH-40 PVC 1/2" Slip Cap                                                                                                                                                                             | SPEARS | 447-005 | 50            | \$ 21.00  |
| 5           | EA   | SCH-40 PVC 2" Slip Cap                                                                                                                                                                               | SPEARS | 447-020 | 50            | \$ 69.50  |
| 6           | EA   | SCH-40 PVC 3/4" Slip Cap                                                                                                                                                                             | SPEARS | 447-007 | 50            | \$ 23.50  |
| 7           | EA   | SCH-40 PVC Slip Reducer Bushing 3/4"x1/2"                                                                                                                                                            | SPEARS | 437-101 | 50            | \$ 23.50  |
| 8           | EA   | SCH-40 PVC Slip Reducer Bushing 1"x1/2"                                                                                                                                                              | SPEARS | 437-130 | 50            | \$ 41.50  |
| 9           | EA   | SCH-40 PVC 1 1/2" Threaded Plug                                                                                                                                                                      | SPEARS | 450-015 | 25            | \$ 59.00  |
| 10          | EA   | SCH-40 PVC 1 1/4"x2" Tee SxSxS                                                                                                                                                                       | SPEARS | 401-170 | 25            | \$ 131.25 |
| 11          | EA   | SCH-40 PVC 1" Elbow SxS 90 Degrees                                                                                                                                                                   | SPEARS | 406-010 | 25            | \$ 20.75  |
| 12          | EA   | SCH-40 PVC 1" T Threaded Plug                                                                                                                                                                        | SPEARS | 450-010 | 25            | \$ 52.75  |
| 13          | EA   | SCH-40 PVC 1" Threaded Plug<br>Note: We are quoting you the 1" PVC Schedule 40 Male Threaded Plug with an SKU of 450-010. Please note that it is just the same item that is quoted for line item 12. | SPEARS | 450-010 | 25            | \$ 52.75  |
| 14          | EA   | SCH-40 PVC 1" TxT Elbow 90 Degrees                                                                                                                                                                   | SPEARS | 408-010 | 25            | \$ 87.75  |
| 15          | EA   | SCH-40 PVC 1/2" Tee SxSxS                                                                                                                                                                            | SPEARS | 401-005 | 25            | \$ 13.50  |
| 16          | EA   | SCH-40 PVC 1/2" Threaded Plug                                                                                                                                                                        | SPEARS | 450-005 | 25            | \$ 29.75  |
| 17          | EA   | SCH-40 PVC 1/2" TxT Elbow 90 Degrees                                                                                                                                                                 | SPEARS | 408-005 | 25            | \$ 27.25  |
| 18          | EA   | SCH-40 PVC 2 1/2" Elbow SxS 90 Degrees                                                                                                                                                               | SPEARS | 406-025 | 25            | \$ 200.75 |
| 19          | EA   | SCH-40 PVC 2" Elbow SxS 90 Degrees                                                                                                                                                                   | SPEARS | 406-020 | 25            | \$ 66.25  |
| 20          | EA   | SCH-40 PVC 2" TxT Elbow 90 Degrees                                                                                                                                                                   | SPEARS | 408-020 | 25            | \$ 174.00 |
| 21          | EA   | SCH-40 PVC 3/4" T Threaded Plug                                                                                                                                                                      | SPEARS | 450-007 | 25            | \$ 32.75  |
| 22          | EA   | SCH-40 PVC 3/4" Threaded Plug<br>Note: We are quoting you the SPEARS 450-007 3/4" PVC Plug MPT SCH40. Please note that this is just the same as the line item 21.                                    | SPEARS | 450-007 | 25            | \$ 32.75  |
| 23          | EA   | SCH-40 PVC Flowspan Coupling 1 1/4"                                                                                                                                                                  | SPEARS | S118-12 | 25            | \$ 577.25 |
| 24          | EA   | SCH-40 PVC Flowspan Coupling 1"                                                                                                                                                                      | SPEARS | S118-10 | 25            | \$ 294.25 |
| 25          | EA   | SCH-40 PVC Flowspan Coupling 1/2"                                                                                                                                                                    | SPEARS | S118-05 | 25            | \$ 230.75 |
| 26          | EA   | SCH-40 PVC Flowspan Coupling 2"                                                                                                                                                                      | SPEARS | S118-20 | 25            | \$ 916.75 |
| 27          | EA   | SCH-40 PVC Flowspan Coupling 3/4"                                                                                                                                                                    | SPEARS | S118-07 | 25            | \$ 258.00 |
| 28          | EA   | SCH-40 PVC Slip Reducer Bushing 1 1/4"x1"                                                                                                                                                            | SPEARS | 437-168 | 25            | \$ 28.00  |
| 29          | EA   | SCH-40 PVC Slip Reducer Bushing 1 1/4"x1/2"                                                                                                                                                          | SPEARS | 437-166 | 25            | \$ 27.25  |
| 30          | EA   | SCH-40 PVC Slip Reducer Bushing 1 1/4"x3/4"                                                                                                                                                          | SPEARS | 437-167 | 25            | \$ 28.50  |
| 31          | EA   | SCH-80 PVC 1/2" Coupling                                                                                                                                                                             | SPEARS | 829-005 | 100           | \$ 381.00 |
| 32          | EA   | SCH-80 PVC 1/2"x4" Nipple                                                                                                                                                                            | SPEARS | 882-040 | 60            | \$ 40.80  |
| 33          | EA   | SCH-80 PVC 1/2"x6" Nipple                                                                                                                                                                            | SPEARS | 882-060 | 60            | \$ 49.80  |
| 34          | EA   | SCH-80 PVC 3/4" Slip Cap                                                                                                                                                                             | SPEARS | 847-007 | 60            | \$ 231.00 |
| 35          | EA   | SCH-80 PVC 1/2" Tee                                                                                                                                                                                  | SPEARS | 801-005 | 50            | \$ 292.50 |
| 36          | EA   | SCH-80 PVC 1/2"x2" Nipple                                                                                                                                                                            | SPEARS | 882-020 | 50            | \$ 25.50  |
| 37          | EA   | SCH-80 PVC 1/2"x3" Nipple                                                                                                                                                                            | SPEARS | 882-030 | 50            | \$ 35.50  |
| 38          | EA   | SCH-80 PVC 3/4"x5 1/2" Nipple                                                                                                                                                                        | SPEARS | 883-055 | 50            | \$ 239.00 |
| 39          | EA   | SCH-80 PVC 3/4" Close                                                                                                                                                                                | SPEARS | 883-005 | 50            | \$ 26.50  |
| 40          | EA   | SCH-80 PVC 3/4"x2" Nipple                                                                                                                                                                            | SPEARS | 883-020 | 50            | \$ 25.50  |
| 41          | EA   | SCH-80 PVC 3/4"x3" Nipple                                                                                                                                                                            | SPEARS | 883-030 | 50            | \$ 34.00  |
| 42          | EA   | SCH-80 PVC 3/4"x4" Nipple                                                                                                                                                                            | SPEARS | 883-040 | 50            | \$ 40.50  |
| 43          | EA   | SCH-80 PVC 3/4"x5" Nipple                                                                                                                                                                            | SPEARS | 883-050 | 50            | \$ 47.00  |
| 44          | EA   | SCH-80 PVC 3/4"x6" Nipple                                                                                                                                                                            | SPEARS | 883-060 | 50            | \$ 56.50  |
| 45          | EA   | SCH-80 PVC Slip Reducer Bushing 1"x1/2"                                                                                                                                                              | SPEARS | 837-130 | 50            | \$ 187.00 |
| 46          | EA   | SCH-80 PVC 1 1/4" Tee                                                                                                                                                                                | SPEARS | 801-012 | 40            | \$ 798.40 |
| 47          | EA   | SCH-80 PVC 1 1/4"x12" Nipple                                                                                                                                                                         | SPEARS | 885-120 | 40            | \$ 166.40 |

|    |    |                                                                                                                                                                                                                                  |                |            |    |    |           |
|----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|----|----|-----------|
| 48 | EA | SCH-80 PVC 1 1/4"x6" Nipple                                                                                                                                                                                                      | SPEARS         | 885-060    | 40 | \$ | 45.20     |
| 49 | EA | SCH-80 PVC 3/4" Tee                                                                                                                                                                                                              | SPEARS         | 801-007    | 40 | \$ | 232.00    |
| 50 | EA | SCH-80 PVC 3/4"x10" Nipple                                                                                                                                                                                                       | SPEARS         | 883-100    | 40 | \$ | 196.80    |
| 51 | EA | SCH-80 PVC 3/4"x7" Nipple                                                                                                                                                                                                        | SPEARS         | 883-070    | 40 | \$ | 178.40    |
| 52 | EA | SCH-80 PVC 1 1/2" Slip Cap                                                                                                                                                                                                       | SPEARS         | 847-015    | 30 | \$ | 243.30    |
| 53 | EA | SCH-80 PVC 1" Slip Cap                                                                                                                                                                                                           | SPEARS         | 847-010    | 30 | \$ | 204.30    |
| 54 | EA | SCH-80 PVC 1/2" Slip Cap                                                                                                                                                                                                         | SPEARS         | 847-005    | 30 | \$ | 109.80    |
| 55 | EA | SCH-80 PVC 1/2"x12" Nipple                                                                                                                                                                                                       | SPEARS         | 882-120    | 30 | \$ | 42.00     |
| 56 | EA | SCH-80 PVC 1/2"x8" Nipple                                                                                                                                                                                                        | SPEARS         | 882-080    | 30 | \$ | 31.50     |
| 57 | EA | SCH-80 PVC 2" Slip Cap                                                                                                                                                                                                           | SPEARS         | 847-020    | 30 | \$ | 471.60    |
| 58 | EA | SCH-80 PVC 3" Tee                                                                                                                                                                                                                | SPEARS         | 801-030    | 30 | \$ | 1,009.20  |
| 59 | EA | SCH-80 PVC 1 1/4" Coupling                                                                                                                                                                                                       | SPEARS         | 829-012    | 25 | \$ | 181.75    |
| 60 | EA | SCH-80 PVC 1" Coupling                                                                                                                                                                                                           | SPEARS         | 829-010    | 25 | \$ | 125.50    |
| 61 | EA | SCH-80 PVC 1/2"x10" Nipple                                                                                                                                                                                                       | SPEARS         | 882-100    | 25 | \$ | 100.00    |
| 62 | EA | SCH-80 PVC 1/2"x15" Nipple                                                                                                                                                                                                       | SPEARS         | 882-150    | 25 | \$ | 157.75    |
| 63 | EA | SCH-80 PVC 1/2"x5" Nipple                                                                                                                                                                                                        | SPEARS         | 882-050    | 25 | \$ | 24.75     |
| 64 | EA | SCH-80 PVC 2 1/2" Coupling                                                                                                                                                                                                       | SPEARS         | 829-025    | 25 | \$ | 494.50    |
| 65 | EA | SCH-80 PVC 2" Coupling                                                                                                                                                                                                           | SPEARS         | 829-020    | 25 | \$ | 494.50    |
| 66 | EA | SCH-80 PVC 3/4" Coupling                                                                                                                                                                                                         | SPEARS         | 829-007    | 25 | \$ | 494.50    |
| 67 | EA | SCH-80 PVC 3/4"x3 1/2" Nipple                                                                                                                                                                                                    | SPEARS         | 883-035    | 25 | \$ | 494.50    |
| 68 | EA | PVC Flowspan Expansion Repair Coupling 1 1/2"                                                                                                                                                                                    | SPEARS         | S118-15    | 25 | \$ | 494.50    |
| 69 | KT | FEBCO Relief Valve, 2 1/2-10 FRK825/826YD-RV Rubber parts kit                                                                                                                                                                    | FEBCO          | 905102     | 60 | \$ | 20,140.20 |
| 70 | KT | FEBCO Rubber Kit 860-6, 2"-10"                                                                                                                                                                                                   | FEBCO          | 905316     | 60 | \$ | 11,674.80 |
| 71 | KT | FEBCO Rubber Parts RC 4-4, FRK 805/825/826, 4" single check rubber repair kit, 1st or 2nd check valve<br>Note: We are quoting you the FEBCO 805YD/806YD/825YD/826YD-RC 4 check rubber kit with a correct Model number of 905061. | FEBCO          | 905061     | 10 | \$ | 1,748.20  |
| 72 | KT | FEBCO Rubber Parts RC 4-6, FRK 805/825/826 RC4-6 1st or 2nd check rubber                                                                                                                                                         | FEBCO          | 905062     | 10 | \$ | 2,468.20  |
| 73 | KT | FEBCO 1 1/2-2 Rubber Parts Kit, FRK 825Y-RT                                                                                                                                                                                      | FEBCO          | 905112     | 10 | \$ | 1,674.30  |
| 74 | KT | FEBCO 2 1/2 1st + 2nd Rubber Parts, FRK 805/825/826 RC4                                                                                                                                                                          | FEBCO          | 905059     | 10 | \$ | 775.30    |
| 75 | KT | FEBCO 2 1/2-10 Rubber Parts Kit, FRK 860/880V-RV                                                                                                                                                                                 | FEBCO          | 905192     | 10 | \$ | 4,957.90  |
| 76 | KT | FEBCO 3 Rubber Parts, FRK 805/825/826 RC4                                                                                                                                                                                        | FEBCO          | 905060     | 10 | \$ | 1,165.40  |
| 77 | KT | FEBCO Disc Assembly Check Repair Kit, 860-4                                                                                                                                                                                      | FEBCO          | 905410     | 10 | \$ | 5,494.30  |
| 78 | KT | Genuine R Co. Repair Kit Solenoid 25 Super Max 25 VAC                                                                                                                                                                            | The Source Inc | SOL25      | 10 |    | No Bid    |
| 79 | KT | Kit Solenoid Assembly Threaded 24 VT                                                                                                                                                                                             | Superior       | 16200      | 50 |    | No Bid    |
| 80 | EA | Rain Bird TBOS Solenoid Adapter Brass Valve                                                                                                                                                                                      | Rain Bird      | K80610     | 40 |    | No Bid    |
| 81 | EA | Rain Bird Solenoid Assembly                                                                                                                                                                                                      | Rain Bird      | B31800     | 25 |    | No Bid    |
| 82 | EA | Rain Bird 3/4" Valve Coupling Copper Quick                                                                                                                                                                                       | Rain Bird      | B11502     | 10 |    | No Bid    |
| 83 | EA | Rainbird 8005 P/C- Comes with Nozzles, 12/BX                                                                                                                                                                                     | Rain Bird      | 8005       | 48 |    | No Bid    |
| 84 | EA | Rainbird 5004 P/C- Comes with Nozzles, 20/BX                                                                                                                                                                                     | Rain Bird      | 5004       | 48 |    | No Bid    |
| 85 | EA | Toro 570-4", 50/BX                                                                                                                                                                                                               | Toro           | 570Z-4P-PR | 24 |    | No Bid    |
| 86 | EA | Toro 570 6", 50/BX                                                                                                                                                                                                               | Toro           | 570Z-6P-PR | 24 |    | No Bid    |
| 87 | EA | Toro 570 Nozzles 15x1/2, 25/BG                                                                                                                                                                                                   | Toro           | 89-1767    | 48 |    | No Bid    |
| 88 | EA | Toro 570 Nozzles 15 x1/4, 25/BX                                                                                                                                                                                                  | Toro           | 89-1769    | 24 |    | No Bid    |
| 89 | EA | Toro 570 Nozzles 15 Full, 25/BX                                                                                                                                                                                                  | Toro           | 89-1770    | 24 |    | No Bid    |
| 90 | EA | Toro 570 Nozzles 12x1/2, 25/BG                                                                                                                                                                                                   | Toro           | 89-1773    | 48 |    | No Bid    |
| 91 | EA | Toro 570 Nozzles 12x1/4, 25/BX                                                                                                                                                                                                   | Toro           | 89-1775    | 24 |    | No Bid    |
| 92 | EA | Toro 570 Nozzles 12xFull, 25/BX                                                                                                                                                                                                  | Toro           | 89-1770    | 24 |    | No Bid    |
| 93 | EA | Toro 570 Nozzles 10x1/2, 25/BG                                                                                                                                                                                                   | Toro           | 89-1779    | 48 |    | No Bid    |
| 94 | EA | Toro 570 Nozzles 10x1/4, 25/BX                                                                                                                                                                                                   | Toro           | 89-1781    | 24 |    | No Bid    |
| 95 | EA | Toro 570 Nozzles 10xFull, 25/BX                                                                                                                                                                                                  | Toro           | 89-1776    | 24 |    | No Bid    |

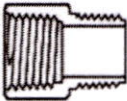
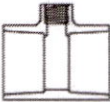
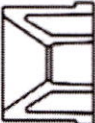
|    |    |                                                                                                                        |           |               |    |             |
|----|----|------------------------------------------------------------------------------------------------------------------------|-----------|---------------|----|-------------|
| 96 | EA | Weld-on PVC Cement Gray, 711-PVC<br>Note: We are quoting you the IPS 10119 711 quart gray body PVC Cement.             | IPS       | 10119         | 50 | \$ 2,992.50 |
| 97 | EA | Weld-on PVC Cement Purple Primer<br>Note: We are quoting you the IPS 10223 P-70 quart Purple low-VOC PVC & CPVC Primer | IPS       | 10223         | 50 | \$ 2,646.50 |
| 98 | EA | Christy's PVC Pipe Cement, Red hot blue glue                                                                           | Christy's | RH-RHBV-HP-36 | 50 | No Bid      |

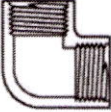
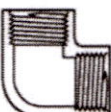
General Notes:

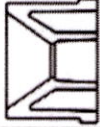
(1) Quote is valid for 1 year, unless a major supply chain or economic disruption occurs.

(2) In stock items can be delivered within 5-7 days however once item gets out of stock at the time of order, lead time might take 3-6 weeks.

# SPEARS

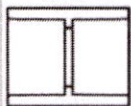
| PN                    | Description                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 470495<br>Line item 1 |  SPEARS 434-005 1/2 PVC RISER EXT FPTXMPT SCH40         |
| 352708<br>Line item 2 |  SPEARS 447-015 1-1/2 PVC CAP SOC SCH40 @              |
| 361781<br>Line item 3 |  SPEARS 402-166 1-1/4X1/2 PVC RED TEE SOCXFPT SCH40 @ |
| 352704<br>Line item 4 |  SPEARS 447-005 1/2 PVC CAP SOC SCH40 @               |
| 352711<br>Line item 5 |  SPEARS 447-020 2 PVC CAP SOC SCH40 @                 |
| 352705<br>Line item 6 |  SPEARS 447-007 3/4 PVC CAP SOC SCH40                 |
| 352635<br>Line item 7 |  SPEARS 437-101 3/4X1/2 PVC RED BUSH SPGXSOC SCH40 @  |
| 352649<br>Line item 8 |  SPEARS 437-130 1X1/2 PVC RED BUSH SPGXSOC SCH40      |

| PN                      | Description                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 375137<br>Line item 9   |  SPEARS 450-015 1-1/2 PVC PLUG MPT SCH40                                        |
| 4124161<br>Line item 10 |  SPEARS 401-170 1-1/4X2 PVC BULL HEAD TEE SOC SCH40<br><b>5-7 DAY LEAD TIME</b> |
| 352507<br>Line item 11  |  SPEARS 406-010 1 PVC 90 ELL SOC SCH40 @                                        |
| 375127<br>Line item 12  |  SPEARS 450-010 1 PVC PLUG MPT SCH40                                            |
| 352531<br>Line item 14  |  SPEARS 408-010 1 PVC 90 ELL FPT SCH40                                          |
| 352064<br>Line item 15  |  SPEARS 401-005 1/2 PVC TEE SOC SCH40 @                                         |
| 352731<br>Line item 16  |  SPEARS 450-005 1/2 PVC PLUG MPT SCH40 @                                       |
| 361848<br>Line item 17  |  SPEARS 408-005 1/2 PVC 90 ELL FPT SCH40                                      |
| 352511<br>Line item 18  |  SPEARS 406-025 2-1/2 PVC 90 ELL SOC SCH40                                    |
| 352510<br>Line item 19  |  SPEARS 406-020 2 PVC 90 ELL SOC SCH40                                        |
| 470097<br>Line item 20  |  SPEARS 408-020 2 PVC 90 ELL FPT SCH40                                        |
| 387439<br>Line item 21  |  SPEARS 450-007 3/4 PVC PLUG MPT SCH40 @                                      |
| 354580<br>Line item 23  |  SPEARS S118-12 1 1/4 SPGXS SCHEDULE 40 PVC REPAIR COUPLING WITH EPDM O-RING  |

| PN           | Description                                                                        |                                                                           |
|--------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1843985      |   | SPEARS S118-10 1 SPGXS SCHEDULE 40 PVC REPAIR COUPLING WITH EPDM O-RING   |
| Line item 24 |                                                                                    |                                                                           |
| 390588       |   | SPEARS S118-05 1/2 SPGXS SCHEDULE 40 PVC REPAIR COUPLING WITH EPDM O-RING |
| Line item 25 |                                                                                    |                                                                           |
| 470292       |   | SPEARS S118-20 2 SPGXS SCHEDULE 40 PVC REPAIR COUPLING WITH EPDM O-RING   |
| Line item 26 |                                                                                    |                                                                           |
| 354578       |   | SPEARS S118-07 3/4 SPGXS SCHEDULE 40 PVC REPAIR COUPLING WITH EPDM O-RING |
| Line item 27 |                                                                                    |                                                                           |
| 352651       |   | SPEARS 437-168 1-1/4X1 PVC RED BUSH SPGXSOC SCH40 @                       |
| Line item 28 |                                                                                    |                                                                           |
| 375954       |   | SPEARS 437-166 1-1/4X1/2 PVC RED BUSH SPGXSOC SCH40                       |
| Line item 29 |                                                                                    |                                                                           |
| 375099       |  | SPEARS 437-167 1-1/4X3/4 PVC RED BUSH SPGXSOC SCH40                       |
| Line item 30 |                                                                                    |                                                                           |

PVC SCHEDULE 80 FITTINGS

347811



SPEARS 829-005 1/2 PVC COUP SOC SCH80

Line item 31

357766



SPEARS 882-040 1/2X4 PVC NIPPLE TBE SCH80

Line item 32

326572



SPEARS 882-060 1/2X6 PVC NIPPLE TBE SCH80

Line item 33

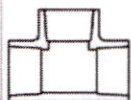
347840



SPEARS 847-007 3/4 PVC CAP SOC SCH80

Line item 34

352883



SPEARS 801-005 1/2 PVC TEE SOC SCH80

Line item 35

352037



SPEARS 882-020 1/2X2 PVC NIPPLE TBE SCH80

Line item 36

326570



SPEARS 882-030 1/2X3 PVC NIPPLE TBE SCH80

Line item 37

5068042



SPEARS 883-055 3/4X5-1/2 PVC NIPPLE TBE SCH80

Line item 38

366296



SPEARS 883-005 3/4XCL PVC NIPPLE TBE SCH80

Line item 39

389716



SPEARS 883-020 3/4X2 PVC NIPPLE TBE SCH80

Line item 40

423174



SPEARS 883-030 3/4X3 PVC NIPPLE TBE SCH80

Line item 41

347958



SPEARS 883-040 3/4X4 PVC NIPPLE TBE SCH80

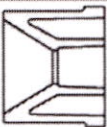
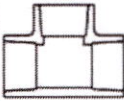
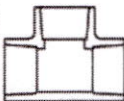
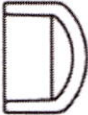
Line item 42

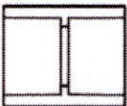
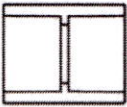
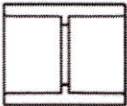
553265



SPEARS 883-050 3/4X5 PVC NIPPLE TBE SCH80  
**5-7 DAY LEAD TIME**

Line item 43

|              |                                                                                     |                                                                          |
|--------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 357827       |    | SPEARS 883-060 3/4X6 PVC NIPPLE TBE SCH80                                |
| Line item 44 |                                                                                     |                                                                          |
| 352961       |    | SPEARS 837-130 1X1/2 PVC RED BUSH SPGXSOC SCH80                          |
| Line item 45 |                                                                                     |                                                                          |
| 352881       |    | SPEARS 801-012 1-1/4 PVC TEE SOC SCH80                                   |
| Line item 46 |                                                                                     |                                                                          |
| 390643       |    | SPEARS 885-120 1-1/4X12 PVC NIPPLE TBE SCH80<br><b>5-7 DAY LEAD TIME</b> |
| Line item 47 |                                                                                     |                                                                          |
| 347743       |    | SPEARS 801-007 3/4 PVC TEE SOC SCH80                                     |
| Line item 49 |                                                                                     |                                                                          |
| 564479       |    | SPEARS 883-100 3/4X10 PVC NIPPLE TBE SCH80                               |
| Line item 50 |                                                                                     |                                                                          |
| 5481270      |                                                                                     | SPEARS 883-070 3/4X7 SCH80 NIPPLE<br><b>10-12 DAY LEAD TIME</b>          |
| Line item 51 |                                                                                     |                                                                          |
| 347771       |  | SPEARS 847-015 1-1/2 PVC CAP SOC SCH80                                   |
| Line item 52 |                                                                                     |                                                                          |
| 347770       |  | SPEARS 847-010 1 PVC CAP SOC SCH80                                       |
| Line item 53 |                                                                                     |                                                                          |
| 352220       |  | SPEARS 847-005 1/2 PVC CAP SOC SCH80                                     |
| Line item 54 |                                                                                     |                                                                          |
| 423173       |  | SPEARS 882-120 1/2X12 PVC NIPPLE TBE SCH80                               |
| Line item 55 |                                                                                     |                                                                          |
| 326573       |  | SPEARS 882-080 1/2X8 PVC NIPPLE TBE SCH80<br><b>5-7 DAY LEAD TIME</b>    |
| Line item 56 |                                                                                     |                                                                          |
| 347829       |  | SPEARS 847-020 2 PVC CAP SOC                                             |
| Line item 57 |                                                                                     |                                                                          |
| 347763       |  | SPEARS 801-030 3 PVC TEE SOC SCH80                                       |
| Line item 58 |                                                                                     |                                                                          |

|              |                                                                                     |                                                                             |
|--------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 347832       |    | SPEARS 829-012 1-1/4 PVC COUP SOC SCH80                                     |
| Line item 59 |                                                                                     |                                                                             |
| 347830       |    | SPEARS 829-010 1 PVC COUP SOC SCH80                                         |
| Line item 60 |                                                                                     |                                                                             |
| 352039       |    | SPEARS 882-100 1/2X10 PVC NIPPLE TBE SCH80                                  |
| Line item 61 |                                                                                     |                                                                             |
| 5481274      |    | SPEARS 882-150 1/2X15 PVC NIPPLE TBE SCH80<br><b>5-7 DAY LEAD TIME</b>      |
| Line item 62 |                                                                                     |                                                                             |
| 347755       |    | SPEARS 829-025 2-1/2 PVC COUP SOC SCH80                                     |
| Line item 64 |                                                                                     |                                                                             |
| 347804       |    | SPEARS 829-020 2 PVC COUP SOC SCH80                                         |
| Line item 65 |                                                                                     |                                                                             |
| 347845       |   | SPEARS 829-007 3/4 PVC COUP SOC SCH80                                       |
| Line Item 66 |                                                                                     |                                                                             |
| 5481278      |                                                                                     | SPEARS 883-035 3/4X31/2 SCH80 NIPPLE                                        |
| Line Item 67 |                                                                                     |                                                                             |
| 354582       |  | SPEARS S118-15 1 1/2 SPGXS SCHEDULE 40 PVC REPAIR COUPLING WITH EPDM O-RING |
| Line Item 68 |                                                                                     |                                                                             |

**Additional:**

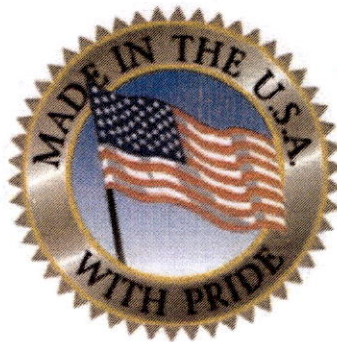
Line item 48 : SPEARS 885-060 1-1/4" x 6" PVC SCH 80 THREADED NIPPLE

Line item: 63: SPEARS 882-050 1/2" x 5" PVC SCH 80 THREADED NIPPLE



Schedule 40 Fittings Product  
**PVC Schedule 40 Fittings**

# **Schedule 40 Fittings**



## **PRODUCT**

**Schedule 40 Fittings Product**  
**PVC Schedule 40 Fittings**



**Tees**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Tee**

**Socket x Socket x Socket**

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| 401-003  | 3/8   | 50 | 400 | 040 |
| 401-005  | 1/2   | 50 | 300 | 040 |
| 401-007  | 3/4   | 50 | 0   | 040 |
| 401-010  | 1     | 50 | 0   | 040 |
| 401-012  | 1-1/4 | 25 | 0   | 040 |
| 401-015  | 1-1/2 | 25 | 0   | 040 |
| 401-020  | 2     | 25 | 0   | 040 |
| 401-025  | 2-1/2 | 10 | 0   | 040 |
| 401-030  | 3     | 10 | 0   | 040 |
| 401-040  | 4     | 6  | 0   | 040 |
| 401-050  | 5     | 5  | 0   | 040 |
| 401-060  | 6     | 4  | 0   | 040 |
| 401-080  | 8     | 2  | 0   | 040 |
| 401-100  | 10    | 1  | 0   | 041 |
| 401-100F | 10    | 1  | 0   | 047 |
| 401-120  | 12    | 1  | 0   | 041 |
| 401-120F | 12    | 1  | 0   | 047 |
| 401-140  | 14    | 1  | 0   | 044 |
| 401-140F | 14    | 1  | 0   | 047 |
| 401-160F | 16    | 1  | 0   | 047 |
| 401-180F | 18    | 1  | 0   | 047 |
| 401-200F | 20    | 1  | 0   | 047 |
| 401-240F | 24    | 1  | 0   | 047 |

**Tee - Reducing**

**Socket x Socket x Socket**

|          |             |    |   |     |
|----------|-------------|----|---|-----|
| 401-053  | 3/8X1/2     | 50 | 0 | 040 |
| 401-074  | 1/2X3/4     | 50 | 0 | 040 |
| 401-075  | 1/2X1       | 50 | 0 | 040 |
| 401-094  | 3/4X1/2X1/2 | 50 | 0 | 040 |
| 401-095  | 3/4X1/2X3/4 | 50 | 0 | 040 |
| 401-101  | 3/4X1/2     | 50 | 0 | 040 |
| D401-101 | 3/4X1/2     | 50 | 0 | 040 |
| 401-102  | 3/4X1       | 50 | 0 | 040 |
| 401-122  | 1X1/2X1     | 50 | 0 | 040 |
| 401-124  | 1X3/4X1/2   | 50 | 0 | 040 |
| 401-125  | 1X3/4X3/4   | 50 | 0 | 040 |
| 401-126  | 1X3/4X1     | 50 | 0 | 040 |
| 401-130  | 1X1/2       | 50 | 0 | 040 |
| D401-130 | 1X1/2       | 50 | 0 | 040 |
| 401-131  | 1X3/4       | 50 | 0 | 040 |
| 401-132  | 1X1-1/4     | 25 | 0 | 040 |
| 401-133  | 1X1-1/2     | 25 | 0 | 040 |
| 401-134  | 1X2         | 25 | 0 | 040 |
| 401-156  | 1-1/4X1X1/2 | 25 | 0 | 040 |
| 401-157  | 1-1/4X1X3/4 | 25 | 0 | 040 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Tee - Reducing (continued)**

**Socket x Socket x Socket**

|                      |                 |    |   |     |
|----------------------|-----------------|----|---|-----|
| 401-158              | 1-1/4X1X1       | 25 | 0 | 040 |
| 401-166              | 1-1/4X1/2       | 25 | 0 | 040 |
| D401-166             | 1-1/4X1/2       | 25 | 0 | 040 |
| 401-167              | 1-1/4X3/4       | 25 | 0 | 040 |
| 401-168              | 1-1/4X1         | 25 | 0 | 040 |
| 401-169              | 1-1/4X1-1/2     | 25 | 0 | 040 |
| 401-170              | 1-1/4X2         | 25 | 0 | 040 |
| 401-199              | 1-1/2X1-1/4X1/2 | 25 | 0 | 040 |
| 401-201              | 1-1/2X1-1/4X3/4 | 25 | 0 | 040 |
| 401-202              | 1-1/2X1-1/4X1   | 25 | 0 | 040 |
| 401-209              | 1-1/2X1/2       | 25 | 0 | 040 |
| D401-209             | 1-1/2X1/2       | 25 | 0 | 040 |
| 401-210              | 1-1/2X3/4       | 25 | 0 | 040 |
| 401-211              | 1-1/2X1         | 25 | 0 | 040 |
| 401-212              | 1-1/2X1-1/4     | 25 | 0 | 040 |
| 401-213              | 1-1/2X2         | 25 | 0 | 040 |
| 401-214              | 1-1/2X2-1/2     | 25 | 0 | 040 |
| 401-233              | 2X1X2           | 10 | 0 | 040 |
| 401-238              | 2X1-1/2X3/4     | 10 | 0 | 040 |
| 401-239              | 2X1-1/2X1       | 10 | 0 | 040 |
| 401-241              | 2X1-1/2X1-1/2   | 10 | 0 | 040 |
| 401-247              | 2X1/2           | 10 | 0 | 040 |
| D401-247             | 2X1/2           | 10 | 0 | 040 |
| 401-248              | 2X3/4           | 10 | 0 | 040 |
| 401-249              | 2X1             | 10 | 0 | 040 |
| 401-250              | 2X1-1/4         | 10 | 0 | 040 |
| 401-251              | 2X1-1/2         | 10 | 0 | 040 |
| 401-253 <sup>1</sup> | 2X3             | 10 | 0 | 040 |
| 401-254 <sup>1</sup> | 2X4             | 6  | 0 | 040 |
| 401-257              | 2X1-1/2X2       | 10 | 0 | 040 |
| 401-287              | 2-1/2X1/2       | 10 | 0 | 040 |
| 401-288              | 2-1/2X3/4       | 10 | 0 | 040 |
| 401-289              | 2-1/2X1         | 10 | 0 | 040 |
| 401-290              | 2-1/2X1-1/4     | 10 | 0 | 040 |
| 401-291              | 2-1/2X1-1/2     | 10 | 0 | 040 |
| 401-292              | 2-1/2X2         | 10 | 0 | 040 |
| 401-293 <sup>1</sup> | 2-1/2X3         | 10 | 0 | 040 |
| 401-294 <sup>1</sup> | 2-1/2X4         | 6  | 0 | 040 |
| 401-333              | 3X1/2           | 10 | 0 | 040 |
| 401-334              | 3X3/4           | 10 | 0 | 040 |
| 401-335              | 3X1             | 10 | 0 | 040 |
| 401-336              | 3X1-1/4         | 10 | 0 | 040 |
| 401-337              | 3X1-1/2         | 10 | 0 | 040 |
| 401-338              | 3X2             | 6  | 0 | 040 |
| 401-339              | 3X2-1/2         | 6  | 0 | 040 |
| 401-342              | 3X4             | 6  | 0 | 040 |
| 401-344 <sup>1</sup> | 3X6             | 4  | 0 | 040 |
| 401-415 <sup>1</sup> | 4X1/2           | 6  | 0 | 040 |
| 401-416              | 4X3/4           | 6  | 0 | 040 |
| 401-417              | 4X1             | 6  | 0 | 040 |
| 401-418              | 4X1-1/4         | 10 | 0 | 040 |
| 401-419              | 4X1-1/2         | 10 | 0 | 040 |
| 401-420              | 4X2             | 10 | 0 | 040 |
| 401-421 <sup>1</sup> | 4X2-1/2         | 6  | 0 | 040 |

**Schedule 40 Fittings Product**  
**PVC Schedule 40 Fittings**



**Tees**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Tee - Reducing (continued)**

**Socket x Socket x Socket**

|          |       |   |   |     |
|----------|-------|---|---|-----|
| 401-918F | 24X18 | 1 | 0 | 047 |
| 401-920F | 24X20 | 1 | 0 | 047 |

<sup>1</sup> Outlet sized with Bushing

**Tee**

**Socket x Socket x Fipt**

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 402-003 | 3/8   | 50 | 200 | 040 |
| 402-005 | 1/2   | 50 | 300 | 040 |
| 402-007 | 3/4   | 50 | 0   | 040 |
| 402-010 | 1     | 50 | 0   | 040 |
| 402-012 | 1-1/4 | 25 | 0   | 040 |
| 402-015 | 1-1/2 | 25 | 0   | 040 |
| 402-020 | 2     | 10 | 0   | 040 |
| 402-025 | 2-1/2 | 10 | 0   | 040 |
| 402-030 | 3     | 10 | 0   | 040 |
| 402-040 | 4     | 6  | 0   | 040 |

**Tee - Reducing**

**Socket x Socket x Fipt**

|         |                 |    |     |     |
|---------|-----------------|----|-----|-----|
| 402-071 | 1/2X1/8         | 50 | 300 | 040 |
| 402-072 | 1/2X1/4         | 50 | 200 | 040 |
| 402-074 | 1/2X3/4         | 50 | 0   | 040 |
| 402-094 | 3/4X1/2X1/2     | 50 | 0   | 040 |
| 402-095 | 3/4X1/2X3/4     | 50 | 0   | 040 |
| 402-097 | 3/4X1/8         | 50 | 0   | 040 |
| 402-101 | 3/4X1/2         | 50 | 0   | 040 |
| 402-124 | 1X3/4X1/2       | 50 | 0   | 040 |
| 402-125 | 1X3/4X3/4       | 50 | 0   | 040 |
| 402-130 | 1X1/2           | 50 | 0   | 040 |
| 402-131 | 1X3/4           | 50 | 0   | 040 |
| 402-156 | 1-1/4X1X1/2     | 25 | 0   | 040 |
| 402-157 | 1-1/4X1X3/4     | 25 | 0   | 040 |
| 402-158 | 1-1/4X1X1       | 25 | 0   | 040 |
| 402-166 | 1-1/4X1/2       | 25 | 0   | 040 |
| 402-167 | 1-1/4X3/4       | 25 | 0   | 040 |
| 402-168 | 1-1/4X1         | 25 | 0   | 040 |
| 402-199 | 1-1/2X1-1/4X1/2 | 25 | 0   | 040 |
| 402-201 | 1-1/2X1-1/4X3/4 | 25 | 0   | 040 |
| 402-202 | 1-1/2X1-1/4X1   | 25 | 0   | 040 |
| 402-209 | 1-1/2X1/2       | 25 | 0   | 040 |
| 402-210 | 1-1/2X3/4       | 25 | 0   | 040 |
| 402-211 | 1-1/2X1         | 25 | 0   | 040 |
| 402-212 | 1-1/2X1-1/4     | 25 | 0   | 040 |
| 402-238 | 2X1-1/2X3/4     | 10 | 0   | 040 |
| 402-239 | 2X1-1/2X1       | 10 | 0   | 040 |
| 402-247 | 2X1/2           | 10 | 0   | 040 |
| 402-248 | 2X3/4           | 10 | 0   | 040 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Tee - Reducing (continued)**

**Socket x Socket x Fipt**

|                      |             |    |   |     |
|----------------------|-------------|----|---|-----|
| 402-249              | 2X1         | 10 | 0 | 040 |
| 402-250              | 2X1-1/4     | 10 | 0 | 040 |
| 402-251              | 2X1-1/2     | 10 | 0 | 040 |
| 402-287              | 2-1/2X1/2   | 10 | 0 | 040 |
| 402-288              | 2-1/2X3/4   | 10 | 0 | 040 |
| 402-289              | 2-1/2X1     | 10 | 0 | 040 |
| 402-290              | 2-1/2X1-1/4 | 10 | 0 | 040 |
| 402-291              | 2-1/2X1-1/2 | 10 | 0 | 040 |
| 402-292              | 2-1/2X2     | 10 | 0 | 040 |
| 402-333              | 3X1/2       | 10 | 0 | 040 |
| 402-334              | 3X3/4       | 10 | 0 | 040 |
| 402-335              | 3X1         | 10 | 0 | 040 |
| 402-336              | 3X1-1/4     | 10 | 0 | 040 |
| 402-337              | 3X1-1/2     | 10 | 0 | 040 |
| 402-338              | 3X2         | 6  | 0 | 040 |
| 402-417              | 4X1         | 6  | 0 | 040 |
| 402-419              | 4X1-1/2     | 10 | 0 | 040 |
| 402-420              | 4X2         | 10 | 0 | 040 |
| 402-422              | 4X3         | 6  | 0 | 040 |
| 402-490              | 5X4         | 3  | 0 | 040 |
| 402-525 <sup>1</sup> | 6X1         | 3  | 0 | 040 |
| 402-528              | 6X2         | 3  | 0 | 040 |
| 402-530              | 6X3         | 5  | 0 | 040 |
| 402-532              | 6X4         | 2  | 0 | 040 |
| 402-578 <sup>1</sup> | 8X2         | 3  | 0 | 040 |
| 402-580 <sup>1</sup> | 8X3         | 2  | 0 | 040 |
| 402-582 <sup>1</sup> | 8X4         | 2  | 0 | 040 |
| 402-621F             | 10X2        | 1  | 0 | 047 |
| 402-622F             | 10X2-1/2    | 1  | 0 | 047 |
| 402-623F             | 10X3        | 1  | 0 | 047 |
| 402-624F             | 10X4        | 1  | 0 | 047 |
| 402-661F             | 12X2        | 1  | 0 | 047 |
| 402-663F             | 12X3        | 1  | 0 | 047 |
| 402-664F             | 12X4        | 1  | 0 | 047 |

<sup>1</sup> Outlet-sized with Bushing

**Tee - Special Reinforced**

**Socket x SR Fipt - Stainless Steel Collar**

|           |       |    |     |     |
|-----------|-------|----|-----|-----|
| 402-005SR | 1/2   | 25 | 200 | 046 |
| 402-012SR | 1-1/4 | 25 | 0   | 046 |

**Tee - Special Reinforced Reducing**

**Socket x SR Fipt - Stainless Steel Collar**

|           |             |    |     |     |
|-----------|-------------|----|-----|-----|
| 402-072SR | 1/2X1/4     | 25 | 150 | 046 |
| 402-098SR | 3/4X1/4     | 25 | 100 | 046 |
| 402-101SR | 3/4X1/2     | 50 | 0   | 046 |
| 402-166SR | 1-1/4X1/2   | 15 | 0   | 046 |
| 402-168SR | 1-1/4X1     | 10 | 0   | 046 |
| 402-212SR | 1-1/2X1-1/4 | 10 | 0   | 046 |



**Schedule 40 Fittings Product**  
**PVC Schedule 40 Fittings**



**90° Ells**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**90° Ell**

**Socket x Socket**

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| 406-003  | 3/8   | 50 | 600 | 040 |
| 406-005  | 1/2   | 50 | 400 | 040 |
| 406-007  | 3/4   | 50 | 300 | 040 |
| 406-010  | 1     | 50 | 0   | 040 |
| 406-012  | 1-1/4 | 25 | 0   | 040 |
| 406-015  | 1-1/2 | 25 | 0   | 040 |
| 406-020  | 2     | 25 | 0   | 040 |
| 406-025  | 2-1/2 | 10 | 0   | 040 |
| 406-030  | 3     | 10 | 0   | 040 |
| 406-040  | 4     | 8  | 0   | 040 |
| 406-045F | 4-1/2 | 1  | 5   | 047 |
| 406-050  | 5     | 4  | 0   | 040 |
| 406-060  | 6     | 4  | 0   | 040 |
| 406-080  | 8     | 2  | 0   | 040 |
| 406-100  | 10    | 1  | 0   | 041 |
| 406-100F | 10    | 1  | 0   | 047 |
| 406-120  | 12    | 1  | 0   | 041 |
| 406-120F | 12    | 1  | 0   | 047 |
| 406-140  | 14    | 1  | 0   | 044 |
| 406-140F | 14    | 1  | 0   | 047 |
| 406-160F | 16    | 1  | 0   | 047 |
| 406-180F | 18    | 1  | 0   | 047 |
| 406-200F | 20    | 1  | 0   | 047 |
| 406-240F | 24    | 1  | 0   | 047 |

**90° Ell - Reducing**

**Socket x Socket**

|          |                        |    |   |     |
|----------|------------------------|----|---|-----|
| 406-053  | 1/2X3/8                | 50 | 0 | 040 |
| 406-101  | 3/4X1/2                | 50 | 0 | 040 |
| D406-101 | 3/4X1/2                | 50 | 0 | 040 |
| 406-130  | 1X1/2                  | 50 | 0 | 040 |
| D406-130 | 1X1/2                  | 50 | 0 | 040 |
| 406-131  | 1X3/4                  | 50 | 0 | 040 |
| 406-166  | 1-1/4X1/2              | 25 | 0 | 040 |
| D406-166 | 1-1/4X1/2              | 25 | 0 | 040 |
| 406-167  | 1-1/4X3/4              | 25 | 0 | 040 |
| 406-168  | 1-1/4X1                | 25 | 0 | 040 |
| 406-209  | 1-1/2X1/2              | 25 | 0 | 040 |
| 406-211  | 1-1/2X1                | 25 | 0 | 040 |
| 406-212  | 1-1/2X1-1/4            | 25 | 0 | 040 |
| 406-249  | 2X1                    | 10 | 0 | 040 |
| 406-250  | 2X1-1/4                | 10 | 0 | 040 |
| 406-251  | 2X1-1/2                | 10 | 0 | 040 |
| 406-251N | 2X1-1/2                | 10 | 0 | 015 |
| 406-292  | 2-1/2X2                | 10 | 0 | 040 |
| 406-292N | 2-1/2X2 (2-1/2 Spigot) | 10 | 0 | 040 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**90° Ell - Sweep**

**Socket x Socket**

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| 406-005S | 1/2   | 25 | 300 | 040 |
| 406-007S | 3/4   | 25 | 100 | 040 |
| 406-010S | 1     | 20 | 0   | 040 |
| 406-012S | 1-1/4 | 25 | 0   | 040 |
| 406-015S | 1-1/2 | 25 | 0   | 040 |
| 406-020S | 2     | 25 | 0   | 040 |
| 406-025S | 2-1/2 | 20 | 0   | 040 |
| 406-030S | 3     | 10 | 0   | 040 |

**90° Ell - Long Sweep**

**Socket x Socket**

|            |       |   |   |     |
|------------|-------|---|---|-----|
| 406-025LSF | 2-1/2 | 1 | 7 | 047 |
| 406-030LSF | 3     | 1 | 5 | 047 |
| 406-040LSF | 4     | 1 | 4 | 047 |
| 406-060LSF | 6     | 1 | 2 | 047 |
| 406-080LSF | 8     | 1 | 0 | 047 |
| 406-100LSF | 10    | 1 | 0 | 047 |

**90° Ell**

**Socket x Fipt**

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 407-005 | 1/2   | 50 | 400 | 040 |
| 407-007 | 3/4   | 50 | 300 | 040 |
| 407-010 | 1     | 50 | 0   | 040 |
| 407-012 | 1-1/4 | 25 | 0   | 040 |
| 407-015 | 1-1/2 | 25 | 0   | 040 |
| 407-020 | 2     | 10 | 0   | 040 |
| 407-025 | 2-1/2 | 10 | 0   | 040 |
| 407-030 | 3     | 8  | 0   | 040 |
| 407-040 | 4     | 8  | 0   | 040 |

**90° Ell - Reducing**

**Socket x Fipt**

|         |             |    |     |     |
|---------|-------------|----|-----|-----|
| 407-053 | 1/2X3/8     | 50 | 600 | 040 |
| 407-074 | 1/2X3/4     | 50 | 0   | 040 |
| 407-101 | 3/4X1/2     | 50 | 300 | 040 |
| 407-130 | 1X1/2       | 50 | 0   | 040 |
| 407-131 | 1X3/4       | 50 | 0   | 040 |
| 407-168 | 1-1/4X1     | 25 | 0   | 040 |
| 407-211 | 1-1/2X1     | 25 | 0   | 040 |
| 407-212 | 1-1/2X1-1/4 | 20 | 0   | 040 |
| 407-249 | 2X1         | 10 | 0   | 040 |
| 407-250 | 2X1-1/4     | 10 | 0   | 040 |
| 407-251 | 2X1-1/2     | 10 | 0   | 040 |



## Schedule 40 Fittings Product PVC Schedule 40 Fittings

### 90° Ells

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

#### 90° Ell - Special Reinforced & Reducing 90° Ell

##### Socket x SR Fipt - Stainless Steel Collar

|                        |         |    |     |     |
|------------------------|---------|----|-----|-----|
| 407-005SR              | 1/2     | 50 | 400 | 046 |
| 407-007SR              | 3/4     | 75 | 0   | 046 |
| 407-010SR              | 1       | 50 | 0   | 046 |
| 407-012SR              | 1-1/4   | 25 | 0   | 046 |
| 407-131SR              | 1X3/4   | 50 | 0   | 046 |
| 407-168SR <sup>1</sup> | 1-1/4X1 | 25 | 0   | 046 |
| 407-211SR              | 1-1/2X1 | 25 | 0   | 046 |
| 407-249SR              | 2X1     | 10 | 0   | 046 |
| 407-251SR              | 2X1-1/2 | 10 | 0   | 046 |

<sup>1</sup> Sized with SR Adapter

#### 90° Ell

##### Fipt x Fipt

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 408-005 | 1/2   | 50 | 400 | 040 |
| 408-007 | 3/4   | 50 | 0   | 040 |
| 408-010 | 1     | 50 | 0   | 040 |
| 408-012 | 1-1/4 | 25 | 0   | 040 |
| 408-015 | 1-1/2 | 25 | 0   | 040 |
| 408-020 | 2     | 10 | 0   | 040 |

#### 90° Street Ell

##### Spigot x Socket

|                      |       |    |     |     |
|----------------------|-------|----|-----|-----|
| 409-005              | 1/2   | 50 | 400 | 040 |
| 409-007              | 3/4   | 50 | 0   | 040 |
| 409-010              | 1     | 50 | 0   | 040 |
| 409-012              | 1-1/4 | 25 | 0   | 040 |
| 409-015              | 1-1/2 | 25 | 0   | 040 |
| 409-020              | 2     | 10 | 0   | 040 |
| 409-025              | 2-1/2 | 10 | 0   | 040 |
| 409-030              | 3     | 5  | 0   | 040 |
| 409-040              | 4     | 6  | 0   | 040 |
| 409-050 <sup>1</sup> | 5     | 2  | 0   | 040 |
| 409-060 <sup>1</sup> | 6     | 2  | 0   | 040 |
| 409-080 <sup>1</sup> | 8     | 2  | 0   | 040 |
| 409-100 <sup>1</sup> | 10    | 1  | 0   | 041 |
| 409-100F             | 10    | 1  | 0   | 047 |
| 409-120 <sup>1</sup> | 12    | 1  | 0   | 041 |
| 409-140F             | 14    | 1  | 0   | 047 |
| 409-160F             | 16    | 1  | 0   | 047 |
| 409-180F             | 18    | 1  | 0   | 047 |
| 409-200F             | 20    | 1  | 0   | 047 |
| 409-240F             | 24    | 1  | 0   | 047 |

<sup>1</sup> Spigot connection is fabricated from pipe

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

#### 90° Street Ell - Sweep

##### Socket x Spigot

|          |       |    |   |     |
|----------|-------|----|---|-----|
| 409-015S | 1-1/2 | 25 | 0 | 040 |
| 409-020S | 2     | 25 | 0 | 040 |
| 409-025S | 2-1/2 | 20 | 0 | 040 |
| 409-030S | 3     | 10 | 0 | 040 |

#### 90° Street Ell

##### Mipt x Socket

|         |         |    |     |     |
|---------|---------|----|-----|-----|
| 410-005 | 1/2     | 50 | 750 | 040 |
| 410-007 | 3/4     | 50 | 0   | 040 |
| 410-010 | 1       | 50 | 0   | 040 |
| 410-012 | 1-1/4   | 25 | 0   | 040 |
| 410-015 | 1-1/2   | 25 | 0   | 040 |
| 410-020 | 2       | 10 | 0   | 040 |
| 410-030 | 3       | 10 | 0   | 040 |
| 410-101 | 3/4X1/2 | 50 | 400 | 040 |
| 410-102 | 3/4X1   | 50 | 0   | 040 |

#### 90° Street Ell

##### Mipt x Fipt

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 412-005 | 1/2   | 50 | 600 | 040 |
| 412-007 | 3/4   | 50 | 0   | 040 |
| 412-010 | 1     | 50 | 0   | 040 |
| 412-012 | 1-1/4 | 25 | 0   | 040 |
| 412-015 | 1-1/2 | 25 | 0   | 040 |
| 412-020 | 2     | 10 | 0   | 040 |
| 412-030 | 3     | 8  | 0   | 040 |

#### HDPE 90° Street Ell

##### Mipt x Fipt

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| M412-005 | 1/2   | 50 | 450 | 020 |
| M412-007 | 3/4   | 50 | 0   | 020 |
| M412-010 | 1     | 50 | 0   | 020 |
| M412-012 | 1-1/4 | 25 | 0   | 020 |
| M412-015 | 1-1/2 | 25 | 0   | 020 |

High Density Polyethylene - Not NSF-listed - Not pressure rated.

#### HDPE 90° Street Ell

##### Mipt x Fipt (Short Pattern)

|           |     |    |     |     |
|-----------|-----|----|-----|-----|
| MS412-005 | 1/2 | 50 | 700 | 020 |
| MS412-007 | 3/4 | 50 | 400 | 020 |
| MS412-010 | 1   | 50 | 0   | 020 |

High Density Polyethylene - Not NSF-listed - Not pressure rated.

**Schedule 40 Fittings Product**  
**PVC Schedule 40 Fittings**



**Adapters**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Male Spigot Adapter (continued)**

**Spigot x Mipt**

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 461-012 | 1-1/4 | 25 | 100 | 040 |
| 461-015 | 1-1/2 | 25 | 0   | 040 |
| 461-020 | 2     | 25 | 0   | 040 |

**Insert Adapter (White PVC)**

**Insert x Socket**

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| 474-005  | 1/2   | 50 | 600 | 040 |
| 474-007  | 3/4   | 50 | 400 | 040 |
| 474-010  | 1     | 50 | 0   | 040 |
| 474-012  | 1-1/4 | 25 | 0   | 040 |
| 474-015  | 1-1/2 | 25 | 0   | 040 |
| 474-020  | 2     | 25 | 0   | 040 |
| 474-030  | 3     | 15 | 0   | 040 |
| 474-040  | 4     | 15 | 0   | 040 |
| 474-060F | 6     | 1  | 4   | 047 |
| 474-080F | 8     | 1  | 4   | 047 |

ASTM D 2609 Plastic Insert Fittings for Polyethylene (PE) pipe

**Female Spigot Adapter**

**Spigot x Fipt**

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 478-005 | 1/2   | 50 | 600 | 040 |
| 478-007 | 3/4   | 25 | 300 | 040 |
| 478-010 | 1     | 50 | 0   | 040 |
| 478-012 | 1-1/4 | 25 | 0   | 040 |
| 478-015 | 1-1/2 | 20 | 0   | 040 |
| 478-020 | 2     | 20 | 0   | 040 |
| 478-030 | 3     | 10 | 0   | 040 |
| 478-040 | 4     | 5  | 0   | 040 |

**Female Spigot Adapter - Special Reinforced**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |       |    |     |     |
|-----------|-------|----|-----|-----|
| 478-005SR | 1/2   | 50 | 600 | 046 |
| 478-007SR | 3/4   | 25 | 300 | 046 |
| 478-010SR | 1     | 50 | 0   | 046 |
| 478-012SR | 1-1/4 | 25 | 0   | 046 |
| 478-015SR | 1-1/2 | 25 | 0   | 046 |
| 478-020SR | 2     | 15 | 0   | 046 |
| 478-030SR | 3     | 5  | 0   | 046 |
| 478-040SR | 4     | 5  | 0   | 046 |

**Female Spigot Adapter - Special Reinforced Reducing**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |         |    |     |     |
|-----------|---------|----|-----|-----|
| 478-072SR | 1/2X1/4 | 25 | 450 | 046 |
|-----------|---------|----|-----|-----|

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Female Spigot Adapter - Special Reinforced Reducing (continued)**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |         |    |     |     |
|-----------|---------|----|-----|-----|
| 478-098SR | 3/4X1/4 | 50 | 300 | 046 |
| 478-128SR | 1X1/4   | 50 | 400 | 046 |

Spears® SR Series reinforced spigot adapters can be user-installed in a variety of socket type tees, elbows and reducer bushings for superior thread reinforcement demanding applications.

**Riser Extensions**

**Riser Extension**

**Fipt x Mipt**

(See also Polyethylene Cut-Off Riser Extensions in this catalog)

|         |     |    |     |     |
|---------|-----|----|-----|-----|
| 434-005 | 1/2 | 50 | 300 | 040 |
| 434-007 | 3/4 | 50 | 300 | 040 |
| 434-010 | 1   | 50 | 0   | 040 |

**Riser Extension - Polyethylene Cut-Off**

**Fipt x Mipt**

(1/2" = 3-Section Cut-Off; 3/4" = 4-Section Cut-Off)

|            |       |    |     |     |
|------------|-------|----|-----|-----|
| M434-005-3 | 1/2X3 | 50 | 600 | 120 |
| M434-007-4 | 3/4X4 | 50 | 0   | 120 |

High Density Polyethylene - Not NSF-listed - Not pressure rated. For use on open ended irrigation systems.

**Reducer Bushing**

**Reducer Bushing Flush Style**

**Spigot x Socket**

|         |             |    |     |     |
|---------|-------------|----|-----|-----|
| 437-052 | 3/8X1/4     | 50 | 450 | 040 |
| 437-072 | 1/2X1/4     | 50 | 300 | 040 |
| 437-073 | 1/2X3/8     | 50 | 300 | 040 |
| 437-101 | 3/4X1/2     | 50 | 300 | 040 |
| 437-130 | 1X1/2       | 50 | 300 | 040 |
| 437-131 | 1X3/4       | 50 | 300 | 040 |
| 437-166 | 1-1/4X1/2   | 25 | 300 | 040 |
| 437-167 | 1-1/4X3/4   | 25 | 300 | 040 |
| 437-168 | 1-1/4X1     | 25 | 300 | 040 |
| 437-209 | 1-1/2X1/2   | 25 | 200 | 040 |
| 437-210 | 1-1/2X3/4   | 25 | 200 | 040 |
| 437-211 | 1-1/2X1     | 25 | 200 | 040 |
| 437-212 | 1-1/2X1-1/4 | 25 | 200 | 040 |
| 437-247 | 2X1/2       | 10 | 120 | 040 |
| 437-248 | 2X3/4       | 10 | 60  | 040 |
| 437-249 | 2X1         | 10 | 60  | 040 |
| 437-250 | 2X1-1/4     | 10 | 120 | 040 |
| 437-251 | 2X1-1/2     | 25 | 0   | 040 |

**Schedule 40 Fittings Product**  
**PVC Schedule 40 Fittings**



**Reducer Bushing**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Reducer Bushing Flush Style (continued)**

**Spigot x Fipt**

|         |             |    |    |     |
|---------|-------------|----|----|-----|
| 438-287 | 2-1/2X1/2   | 10 | 0  | 040 |
| 438-288 | 2-1/2X3/4   | 10 | 40 | 040 |
| 438-289 | 2-1/2X1     | 10 | 40 | 040 |
| 438-290 | 2-1/2X1-1/4 | 10 | 40 | 040 |
| 438-291 | 2-1/2X1-1/2 | 10 | 40 | 040 |
| 438-292 | 2-1/2X2     | 10 | 40 | 040 |
| 438-334 | 3X3/4       | 10 | 0  | 040 |
| 438-335 | 3X1         | 10 | 0  | 040 |
| 438-336 | 3X1-1/4     | 10 | 0  | 040 |
| 438-337 | 3X1-1/2     | 10 | 0  | 040 |
| 438-338 | 3X2         | 10 | 0  | 040 |
| 438-339 | 3X2-1/2     | 10 | 0  | 040 |
| 438-420 | 4X2         | 6  | 0  | 040 |
| 438-421 | 4X2-1/2     | 6  | 0  | 040 |
| 438-422 | 4X3         | 6  | 0  | 040 |
| 438-488 | 5X3         | 5  | 0  | 040 |
| 438-490 | 5X4         | 6  | 0  | 040 |
| 438-528 | 6X2         | 5  | 0  | 040 |
| 438-530 | 6X3         | 5  | 0  | 040 |
| 438-532 | 6X4         | 5  | 0  | 040 |
| 438-534 | 6X5         | 5  | 0  | 040 |

**Reducer Bushing - Special Reinforced Flush Style**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |           |    |     |     |
|-----------|-----------|----|-----|-----|
| 438-128SR | 1X1/4     | 25 | 150 | 046 |
| 438-166SR | 1-1/4X1/2 | 25 | 100 | 046 |
| 438-207SR | 1-1/2X1/4 | 25 | 100 | 046 |
| 438-209SR | 1-1/2X1/2 | 25 | 100 | 046 |
| 438-210SR | 1-1/2X3/4 | 25 | 100 | 046 |
| 438-247SR | 2X1/2     | 10 | 80  | 046 |
| 438-248SR | 2X3/4     | 10 | 80  | 046 |
| 438-249SR | 2X1       | 10 | 120 | 046 |
| 438-334SR | 3X3/4     | 10 | 0   | 046 |
| 438-335SR | 3X1       | 10 | 0   | 046 |
| 438-336SR | 3X1-1/4   | 10 | 0   | 046 |
| 438-337SR | 3X1-1/2   | 10 | 0   | 046 |
| 438-420SR | 4X2       | 6  | 0   | 046 |
| 438-421SR | 4X2-1/2   | 6  | 0   | 046 |
| 438-528SR | 6X2       | 5  | 0   | 046 |
| 438-530SR | 6X3       | 5  | 0   | 046 |
| 438-532SR | 6X4       | 5  | 0   | 046 |

**Reducer (T.T.) Bushing**

**Mipt x Fipt**

|         |         |    |     |     |
|---------|---------|----|-----|-----|
| 439-052 | 3/8X1/4 | 50 | 450 | 040 |
| 439-071 | 1/2X1/8 | 50 | 300 | 040 |
| 439-072 | 1/2X1/4 | 50 | 300 | 040 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Reducer (T.T.) Bushing (continued)**

**Mipt x Fipt**

|         |             |    |     |     |
|---------|-------------|----|-----|-----|
| 439-073 | 1/2X3/8     | 50 | 300 | 040 |
| 439-098 | 3/4X1/4     | 50 | 300 | 040 |
| 439-099 | 3/4X3/8     | 50 | 300 | 040 |
| 439-101 | 3/4X1/2     | 50 | 300 | 040 |
| 439-128 | 1X1/4       | 25 | 150 | 040 |
| 439-130 | 1X1/2       | 50 | 300 | 040 |
| 439-131 | 1X3/4       | 50 | 800 | 040 |
| 439-166 | 1-1/4X1/2   | 25 | 150 | 040 |
| 439-167 | 1-1/4X3/4   | 25 | 150 | 040 |
| 439-168 | 1-1/4X1     | 25 | 150 | 040 |
| 439-209 | 1-1/2X1/2   | 25 | 300 | 040 |
| 439-210 | 1-1/2X3/4   | 25 | 300 | 040 |
| 439-211 | 1-1/2X1     | 25 | 300 | 040 |
| 439-212 | 1-1/2X1-1/4 | 25 | 300 | 040 |
| 439-247 | 2X1/2       | 10 | 60  | 040 |
| 439-248 | 2X3/4       | 10 | 60  | 040 |
| 439-249 | 2X1         | 10 | 60  | 040 |
| 439-250 | 2X1-1/4     | 10 | 60  | 040 |
| 439-251 | 2X1-1/2     | 10 | 60  | 040 |
| 439-292 | 2-1/2X2     | 10 | 80  | 040 |
| 439-337 | 3X1-1/2     | 10 | 0   | 040 |
| 439-338 | 3X2         | 10 | 0   | 040 |
| 439-339 | 3X2-1/2     | 10 | 0   | 040 |
| 439-420 | 4X2         | 6  | 0   | 040 |
| 439-422 | 4X3         | 6  | 0   | 040 |

**Reducer Bushing - Special Reinforced Flush Style**

**Mipt X SR Fipt - Stainless Steel Collar**

|           |           |    |     |     |
|-----------|-----------|----|-----|-----|
| 439-209SR | 1-1/2X1/2 | 25 | 300 | 046 |
| 439-210SR | 1-1/2X3/4 | 25 | 300 | 046 |
| 439-247SR | 2X1/2     | 10 | 60  | 046 |
| 439-248SR | 2X3/4     | 10 | 60  | 046 |
| 439-249SR | 2X1       | 10 | 120 | 046 |
| 439-420SR | 4X2       | 6  | 0   | 046 |

**Caps**

**Cap**

**Socket**

|         |       |    |      |     |
|---------|-------|----|------|-----|
| 447-003 | 3/8   | 50 | 1000 | 040 |
| 447-005 | 1/2   | 50 | 300  | 040 |
| 447-007 | 3/4   | 50 | 300  | 040 |
| 447-010 | 1     | 50 | 200  | 040 |
| 447-012 | 1-1/4 | 25 | 100  | 040 |
| 447-015 | 1-1/2 | 25 | 0    | 040 |
| 447-020 | 2     | 25 | 0    | 040 |
| 447-025 | 2-1/2 | 10 | 0    | 040 |
| 447-030 | 3     | 10 | 0    | 040 |
| 447-040 | 4     | 6  | 0    | 040 |



## Schedule 40 Fittings Product

### PVC Schedule 40 Fittings

#### Caps

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

#### Cap (continued)

##### Socket

|          |       |   |    |     |
|----------|-------|---|----|-----|
| 447-045F | 4-1/2 | 1 | 10 | 047 |
| 447-050  | 5     | 5 | 0  | 040 |
| 447-060  | 6     | 4 | 0  | 040 |
| 447-080  | 8     | 3 | 0  | 040 |
| 447-100F | 10    | 1 | 5  | 047 |
| 447-120F | 12    | 1 | 5  | 047 |
| 447-140F | 14    | 1 | 2  | 047 |
| 447-160F | 16    | 1 | 2  | 047 |
| 447-180F | 18    | 1 | 2  | 047 |
| 447-200F | 20    | 1 | 0  | 047 |
| 447-240F | 24    | 1 | 0  | 047 |

#### Cap

##### Fipt

|          |       |    |      |     |
|----------|-------|----|------|-----|
| 448-003  | 3/8   | 50 | 1000 | 040 |
| 448-005  | 1/2   | 50 | 300  | 040 |
| 448-007  | 3/4   | 50 | 300  | 040 |
| 448-010  | 1     | 50 | 200  | 040 |
| 448-012  | 1-1/4 | 25 | 100  | 040 |
| 448-015  | 1-1/2 | 25 | 100  | 040 |
| 448-020  | 2     | 10 | 120  | 040 |
| 448-025  | 2-1/2 | 10 | 0    | 040 |
| 448-030  | 3     | 10 | 0    | 040 |
| 448-040  | 4     | 6  | 0    | 040 |
| 448-050  | 5     | 5  | 0    | 040 |
| 448-060  | 6     | 8  | 0    | 040 |
| 448-080F | 8     | 1  | 2    | 047 |
| 448-100F | 10    | 1  | 2    | 047 |
| 448-120F | 12    | 1  | 4    | 047 |

#### Cap - Special Reinforced

##### SR Fipt - Stainless Steel Collar

|           |       |    |     |     |
|-----------|-------|----|-----|-----|
| 448-012SR | 1-1/4 | 25 | 100 | 046 |
|-----------|-------|----|-----|-----|

#### Plugs

#### Plug

##### Spigot

|         |       |    |      |     |
|---------|-------|----|------|-----|
| 449-003 | 3/8   | 50 | 700  | 040 |
| 449-005 | 1/2   | 50 | 1000 | 040 |
| 449-007 | 3/4   | 50 | 300  | 040 |
| 449-010 | 1     | 50 | 200  | 040 |
| 449-012 | 1-1/4 | 25 | 150  | 040 |
| 449-015 | 1-1/2 | 25 | 100  | 040 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

#### Plug (continued)

##### Spigot

|                       |       |    |     |     |
|-----------------------|-------|----|-----|-----|
| 449-020               | 2     | 10 | 120 | 040 |
| 449-025               | 2-1/2 | 10 | 0   | 040 |
| 449-030               | 3     | 10 | 0   | 040 |
| 449-040               | 4     | 6  | 0   | 040 |
| 449-060               | 6     | 6  | 0   | 040 |
| 449-060F <sup>4</sup> | 6     | 1  | 6   | 047 |
| 449-080F <sup>4</sup> | 8     | 1  | 6   | 047 |
| 449-100F <sup>4</sup> | 10    | 1  | 0   | 047 |
| 449-120F <sup>4</sup> | 12    | 1  | 0   | 047 |
| 449-140F <sup>4</sup> | 14    | 1  | 2   | 047 |
| 449-160F <sup>4</sup> | 16    | 1  | 0   | 047 |
| 449-180F <sup>4</sup> | 18    | 1  | 0   | 047 |
| 449-200F <sup>4</sup> | 20    | 1  | 0   | 047 |
| 449-240F <sup>4</sup> | 24    | 1  | 0   | 047 |

<sup>4</sup> Plug fabricated using Cap and pipe spigot.

#### Plug - Counter Sunk

##### Spigot

|           |     |    |     |     |
|-----------|-----|----|-----|-----|
| 449-007CS | 3/4 | 50 | 300 | 040 |
| 449-010CS | 1   | 50 | 300 | 040 |

#### Plug

##### Mipt

|                       |       |    |     |     |
|-----------------------|-------|----|-----|-----|
| 450-003               | 3/8   | 50 | 700 | 040 |
| 450-005               | 1/2   | 50 | 300 | 040 |
| 450-007               | 3/4   | 50 | 300 | 040 |
| 450-010               | 1     | 50 | 300 | 040 |
| 450-012               | 1-1/4 | 25 | 300 | 040 |
| 450-015               | 1-1/2 | 25 | 150 | 040 |
| 450-020               | 2     | 10 | 120 | 040 |
| 450-025               | 2-1/2 | 10 | 80  | 040 |
| 450-030               | 3     | 10 | 0   | 040 |
| 450-040               | 4     | 6  | 0   | 040 |
| 450-060               | 6     | 6  | 0   | 040 |
| 450-080               | 8     | 6  | 0   | 040 |
| 450-080F <sup>4</sup> | 8     | 1  | 4   | 047 |
| 450-100F <sup>4</sup> | 10    | 1  | 3   | 047 |
| 450-120F <sup>4</sup> | 12    | 1  | 0   | 047 |

<sup>4</sup> Plug fabricated using Cap and threaded pipe.

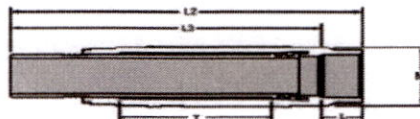


## Schedule 40 Fittings Technical Repair Couplings Dimensions & Information

### Repair Coupling - Spigot x Socket

PVC White with EPDM O-ring

Can be used as short-stroke Expansion Joint



Pressure Rating  
1/2" - 2" 235 psi @ 73° F  
2-1/2" - 4" 200 psi @ 73° F  
6" & up 150 psi @ 73° F

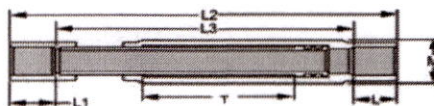
| Part Number | Size  | L      | L2       | L3       | M       | T       | Approx. Wt. (Lbs.) |
|-------------|-------|--------|----------|----------|---------|---------|--------------------|
| S118-05     | 1/2   | 11/16  | 6-1/4    | 5-9/16   | 1-7/16  | 2-7/8   | .24                |
| S118-07     | 3/4   | 3/4    | 7-5/8    | 6-7/8    | 1-3/4   | 4       | .44                |
| S118-10     | 1     | 15/16  | 8-1/2    | 7-9/16   | 2-1/16  | 4-1/16  | .67                |
| S118-12     | 1-1/4 | 1      | 8-13/16  | 7-13/16  | 2-7/16  | 4-1/16  | .87                |
| S118-15     | 1-1/2 | 1-1/8  | 9-3/16   | 8-1/16   | 2-11/16 | 3-13/16 | 1.01               |
| S118-20     | 2     | 1-3/16 | 9-15/16  | 8-3/4    | 3-1/4   | 4-5/16  | 1.59               |
| S118-25     | 2-1/2 | 1-3/4  | 13-5/8   | 11-7/8   | 3-15/16 | 5-9/16  | 3.48               |
| S118-30     | 3     | 1-7/8  | 13-11/16 | 11-13/16 | 4-5/8   | 5-9/16  | 4.29               |
| S118-40     | 4     | 2-1/4  | 14-13/16 | 12-9/16  | 5-3/4   | 6-3/16  | 6.82               |
| S118-60     | 6     | 3      | 17-3/16  | 14-3/16  | 8-7/16  | 6-5/8   | 14.72              |

Unit Must Be Thrust Blocked

### Repair Coupling - Socket x Socket

PVC White with EPDM O-ring

Can be used as short-stroke Expansion Joint



Pressure Rating  
1/2" - 2" 235 psi @ 73° F  
2-1/2" - 4" 200 psi @ 73° F  
6" & up 150 psi @ 73° F

| Part Number | Size  | L      | L1    | L2       | L3      | M       | T       | Approx. Wt. (Lbs.) |
|-------------|-------|--------|-------|----------|---------|---------|---------|--------------------|
| S119-05     | 1/2   | 11/16  | 7/8   | 7-3/8    | 5-13/16 | 1-7/16  | 2-7/8   | .27                |
| S119-07     | 3/4   | 3/4    | 1     | 8-3/4    | 7       | 1-3/4   | 4       | .49                |
| S119-10     | 1     | 15/16  | 1-1/8 | 9-11/16  | 7-5/8   | 2-1/16  | 4-1/16  | .76                |
| S119-12     | 1-1/4 | 1      | 1-1/4 | 10-3/16  | 7-15/16 | 2-7/16  | 4-1/16  | 1.01               |
| S119-15     | 1-1/2 | 1-1/8  | 1-3/8 | 10-11/16 | 8-3/16  | 2-11/16 | 3-13/16 | 1.15               |
| S119-20     | 2     | 1-3/16 | 1-1/2 | 11-5/8   | 8-15/16 | 3-1/4   | 4-5/16  | 1.86               |
| S119-25     | 2-1/2 | 1-3/4  | 1-3/4 | 15-9/16  | 12-1/16 | 3-15/16 | 5-9/16  | 3.86               |
| S119-30     | 3     | 1-7/8  | 1-7/8 | 15-3/4   | 12      | 4-5/8   | 5-9/16  | 4.94               |
| S119-40     | 4     | 2-1/4  | 2-1/4 | 17-1/4   | 12-3/4  | 5-3/4   | 6-3/16  | 7.71               |
| S119-60     | 6     | 3      | 3     | 20-1/2   | 14-1/2  | 8-7/16  | 6-5/8   | 18.06              |

Unit Must Be Thrust Blocked

**Schedule 40 Fittings Product**  
**PVC Schedule 40 Fittings**



**Adapters**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Male Spigot Adapter (continued)**

**Spigot x Mipt**

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 461-012 | 1-1/4 | 25 | 100 | 040 |
| 461-015 | 1-1/2 | 25 | 0   | 040 |
| 461-020 | 2     | 25 | 0   | 040 |

**Insert Adapter (White PVC)**

**Insert x Socket**

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| 474-005  | 1/2   | 50 | 600 | 040 |
| 474-007  | 3/4   | 50 | 400 | 040 |
| 474-010  | 1     | 50 | 0   | 040 |
| 474-012  | 1-1/4 | 25 | 0   | 040 |
| 474-015  | 1-1/2 | 25 | 0   | 040 |
| 474-020  | 2     | 25 | 0   | 040 |
| 474-030  | 3     | 15 | 0   | 040 |
| 474-040  | 4     | 15 | 0   | 040 |
| 474-060F | 6     | 1  | 4   | 047 |
| 474-080F | 8     | 1  | 4   | 047 |

ASTM D 2609 Plastic Insert Fittings for Polyethylene (PE) pipe

**Female Spigot Adapter**

**Spigot x Fipt**

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 478-005 | 1/2   | 50 | 600 | 040 |
| 478-007 | 3/4   | 25 | 300 | 040 |
| 478-010 | 1     | 50 | 0   | 040 |
| 478-012 | 1-1/4 | 25 | 0   | 040 |
| 478-015 | 1-1/2 | 20 | 0   | 040 |
| 478-020 | 2     | 20 | 0   | 040 |
| 478-030 | 3     | 10 | 0   | 040 |
| 478-040 | 4     | 5  | 0   | 040 |

**Female Spigot Adapter - Special Reinforced**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |       |    |     |     |
|-----------|-------|----|-----|-----|
| 478-005SR | 1/2   | 50 | 600 | 046 |
| 478-007SR | 3/4   | 25 | 300 | 046 |
| 478-010SR | 1     | 50 | 0   | 046 |
| 478-012SR | 1-1/4 | 25 | 0   | 046 |
| 478-015SR | 1-1/2 | 25 | 0   | 046 |
| 478-020SR | 2     | 15 | 0   | 046 |
| 478-030SR | 3     | 5  | 0   | 046 |
| 478-040SR | 4     | 5  | 0   | 046 |

**Female Spigot Adapter - Special Reinforced Reducing**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |         |    |     |     |
|-----------|---------|----|-----|-----|
| 478-072SR | 1/2X1/4 | 25 | 450 | 046 |
|-----------|---------|----|-----|-----|

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Female Spigot Adapter - Special Reinforced Reducing (continued)**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |         |    |     |     |
|-----------|---------|----|-----|-----|
| 478-098SR | 3/4X1/4 | 50 | 300 | 046 |
| 478-128SR | 1X1/4   | 50 | 400 | 046 |

Spears® SR Series reinforced spigot adapters can be user-installed in a variety of socket type tees, elbows and reducer bushings for superior thread reinforcement demanding applications.

**Riser Extensions**

**Riser Extension**

**Fipt x Mipt**

(See also Polyethylene Cut-Off Riser Extensions in this catalog)

|         |     |    |     |     |
|---------|-----|----|-----|-----|
| 434-005 | 1/2 | 50 | 300 | 040 |
| 434-007 | 3/4 | 50 | 300 | 040 |
| 434-010 | 1   | 50 | 0   | 040 |

**Riser Extension - Polyethylene Cut-Off**

**Fipt x Mipt**

(1/2" = 3-Section Cut-Off; 3/4" = 4-Section Cut-Off)

|            |       |    |     |     |
|------------|-------|----|-----|-----|
| M434-005-3 | 1/2X3 | 50 | 600 | 120 |
| M434-007-4 | 3/4X4 | 50 | 0   | 120 |

High Density Polyethylene - Not NSF-listed - Not pressure rated. For use on open ended irrigation systems.

**Reducer Bushing**

**Reducer Bushing Flush Style**

**Spigot x Socket**

|         |             |    |     |     |
|---------|-------------|----|-----|-----|
| 437-052 | 3/8X1/4     | 50 | 450 | 040 |
| 437-072 | 1/2X1/4     | 50 | 300 | 040 |
| 437-073 | 1/2X3/8     | 50 | 300 | 040 |
| 437-101 | 3/4X1/2     | 50 | 300 | 040 |
| 437-130 | 1X1/2       | 50 | 300 | 040 |
| 437-161 | 1X3/4       | 50 | 300 | 040 |
| 437-166 | 1-1/4X1/2   | 25 | 300 | 040 |
| 437-167 | 1-1/4X3/4   | 25 | 300 | 040 |
| 437-168 | 1-1/4X1     | 25 | 300 | 040 |
| 437-209 | 1-1/2X1/2   | 25 | 200 | 040 |
| 437-210 | 1-1/2X3/4   | 25 | 200 | 040 |
| 437-211 | 1-1/2X1     | 25 | 200 | 040 |
| 437-212 | 1-1/2X1-1/4 | 25 | 200 | 040 |
| 437-247 | 2X1/2       | 10 | 120 | 040 |
| 437-248 | 2X3/4       | 10 | 60  | 040 |
| 437-249 | 2X1         | 10 | 60  | 040 |
| 437-250 | 2X1-1/4     | 10 | 120 | 040 |
| 437-251 | 2X1-1/2     | 25 | 0   | 040 |



## Schedule 80 PVC Product PVC Schedule 80 Fittings

### Couplings

| Part Number | Size | Gasket to Gasket - L1 | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|-----------------------|--------|----------|-----------|
|-------------|------|-----------------------|--------|----------|-----------|

#### Repair Coupling- Fabricated

##### Gasket x Gasket

|          |    |         |   |    |     |
|----------|----|---------|---|----|-----|
| 828-020F | 2  | 6       | 1 | 15 | 083 |
| 828-030F | 3  | 11- 3/4 | 1 | 10 | 083 |
| 828-040F | 4  | 15      | 1 | 4  | 083 |
| 828-060F | 6  | 18-1/4  | 1 | 2  | 083 |
| 828-080F | 8  | 19      | 1 | 2  | 083 |
| 828-100F | 10 | 21-1/4  | 1 | 0  | 083 |
| 828-120F | 12 | 21-3/8  | 1 | 0  | 083 |
| 828-140F | 14 | 21      | 1 | 0  | 083 |
| 828-160F | 16 | 22-1/4  | 1 | 0  | 083 |
| 828-180F | 18 | 22-5/8  | 1 | 0  | 083 |
| 828-200F | 20 | 23-1/2  | 1 | 0  | 083 |
| 828-240F | 24 | 23-1/2  | 1 | 0  | 083 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

#### Coupling - No Stop

##### Socket x Socket - No Pipe Stop

|           |       |    |   |     |
|-----------|-------|----|---|-----|
| 829-007NS | 3/4   | 25 | 0 | 080 |
| 829-010NS | 1     | 25 | 0 | 080 |
| 829-012NS | 1-1/4 | 10 | 0 | 080 |
| 829-015NS | 1-1/2 | 10 | 0 | 080 |
| 829-020NS | 2     | 20 | 0 | 080 |
| 829-025NS | 2-1/2 | 10 | 0 | 080 |
| 829-030NS | 3     | 6  | 0 | 080 |
| 829-040NS | 4     | 5  | 0 | 080 |
| 829-050NS | 5     | 5  | 0 | 080 |
| 829-060NS | 6     | 4  | 0 | 080 |
| 829-080NS | 8     | 4  | 0 | 080 |
| 829-100NS | 10    | 1  | 0 | 081 |
| 829-120NS | 12    | 1  | 0 | 081 |

#### Coupling

##### Socket x Socket

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 829-002 | 1/4   | 25 | 450 | 080 |
| 829-003 | 3/8   | 25 | 150 | 080 |
| 829-005 | 1/2   | 25 | 150 | 080 |
| 829-007 | 3/4   | 25 | 300 | 080 |
| 829-010 | 1     | 25 | 200 | 080 |
| 829-012 | 1-1/4 | 10 | 60  | 080 |
| 829-015 | 1-1/2 | 10 | 80  | 080 |
| 829-020 | 2     | 20 | 0   | 080 |
| 829-025 | 2-1/2 | 10 | 0   | 080 |
| 829-030 | 3     | 5  | 0   | 080 |
| 829-040 | 4     | 5  | 0   | 080 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

#### Coupling (continued)

##### Socket x Socket

|          |    |   |   |     |
|----------|----|---|---|-----|
| 829-050  | 5  | 5 | 0 | 080 |
| 829-050F | 5  | 1 | 5 | 083 |
| 829-060  | 6  | 4 | 0 | 080 |
| 829-080  | 8  | 4 | 0 | 080 |
| 829-100  | 10 | 1 | 0 | 081 |
| 829-100F | 10 | 1 | 0 | 083 |
| 829-120  | 12 | 1 | 0 | 081 |
| 829-120F | 12 | 1 | 0 | 083 |
| 829-140  | 14 | 1 | 0 | 082 |
| 829-140F | 14 | 1 | 0 | 083 |
| 829-160F | 16 | 1 | 0 | 083 |
| 829-180F | 18 | 1 | 0 | 083 |
| 829-200F | 20 | 1 | 0 | 083 |
| 829-240F | 24 | 1 | 0 | 083 |

#### Coupling - Reducer

##### Socket x Socket

|                       |             |    |     |     |
|-----------------------|-------------|----|-----|-----|
| 829-101               | 3/4X1/2     | 50 | 400 | 080 |
| 829-130               | 1X1/2       | 25 | 200 | 080 |
| 829-131               | 1X3/4       | 25 | 200 | 080 |
| 829-166               | 1-1/4X1/2   | 25 | 0   | 080 |
| 829-167               | 1-1/4X3/4   | 25 | 0   | 080 |
| 829-168               | 1-1/4X1     | 25 | 0   | 080 |
| 829-209               | 1-1/2X1/2   | 25 | 0   | 080 |
| 829-210               | 1-1/2X3/4   | 25 | 0   | 080 |
| 829-211               | 1-1/2X1     | 25 | 0   | 080 |
| 829-212               | 1-1/2X1-1/4 | 25 | 0   | 080 |
| 829-247               | 2X1/2       | 25 | 0   | 080 |
| 829-248               | 2X3/4       | 10 | 80  | 080 |
| 829-249               | 2X1         | 25 | 0   | 080 |
| 829-250               | 2X1-1/4     | 10 | 40  | 080 |
| 829-251               | 2X1-1/2     | 10 | 40  | 080 |
| 829-290 <sup>1</sup>  | 2-1/2X1-1/4 | 10 | 0   | 080 |
| 829-291               | 2-1/2X1-1/2 | 10 | 0   | 080 |
| 829-292               | 2-1/2X2     | 10 | 0   | 080 |
| 829-335 <sup>1</sup>  | 3X1         | 8  | 0   | 080 |
| 829-336 <sup>1</sup>  | 3X1-1/4     | 6  | 0   | 080 |
| 829-337               | 3X1-1/2     | 8  | 0   | 080 |
| 829-338               | 3X2         | 10 | 0   | 080 |
| 829-339               | 3X2-1/2     | 10 | 0   | 080 |
| 829-339F              | 3X2-1/2     | 1  | 9   | 083 |
| 829-416 <sup>1</sup>  | 4X3/4       | 6  | 0   | 080 |
| 829-417 <sup>1</sup>  | 4X1         | 6  | 0   | 080 |
| 829-419 <sup>1</sup>  | 4X1-1/2     | 6  | 0   | 080 |
| 829-420               | 4X2         | 6  | 0   | 080 |
| 829-421               | 4X2-1/2     | 4  | 0   | 080 |
| 829-422               | 4X3         | 4  | 0   | 080 |
| 829-460F              | 4-1/2X4     | 1  | 20  | 083 |
| 829-487F <sup>1</sup> | 5X2-1/2     | 1  | 6   | 083 |
| 829-488F <sup>1</sup> | 5X3         | 1  | 6   | 083 |
| 829-490F              | 5X4         | 1  | 8   | 083 |



## Nipples Product PVC, CPVC & PE Nipples

### PVC Nipples

#### PVC Schedule 80 Nipples (continued)

| Size                 | Threaded Both Ends | Threaded One End  | Plain End         | Std Pk | Mstr Pk | Prod Code |
|----------------------|--------------------|-------------------|-------------------|--------|---------|-----------|
| <b>1/4" Diameter</b> |                    |                   |                   |        |         |           |
| 1/4X13               | 880-130<br>11.47   | 1880-130<br>11.47 | 880-130P<br>11.47 | 25     | 250     | 120       |
| 1/4X14               | 880-140<br>11.58   | 1880-140<br>11.58 | 880-140P<br>11.58 | 25     | 250     | 120       |
| 1/4X15               | 880-150<br>12.27   | 1880-150<br>12.27 | 880-150P<br>12.27 | 25     | 500     | 120       |
| 1/4X16               | 880-160<br>13.05   | 1880-160<br>13.05 | 880-160P<br>13.05 | 25     | 250     | 120       |
| 1/4X17               | 880-170<br>13.49   | 1880-170<br>13.49 | 880-170P<br>13.49 | 25     | 300     | 120       |
| 1/4X18               | 880-180<br>13.93   | 1880-180<br>13.93 | 880-180P<br>13.93 | 25     | 300     | 120       |
| 1/4X19               | 880-190<br>14.42   | 1880-190<br>14.42 | 880-190P<br>14.42 | 25     | 300     | 120       |
| 1/4X20               | 880-200<br>15.51   | 1880-200<br>15.51 | 880-200P<br>15.51 | 25     | 200     | 120       |
| 1/4X22               | 880-220<br>16.40   | 1880-220<br>16.40 | 880-220P<br>16.40 | 25     | 300     | 120       |
| 1/4X24               | 880-240<br>17.06   | 1880-240<br>17.06 | 880-240P<br>17.06 | 25     | 200     | 120       |
| 1/4X30               | 880-300<br>22.71   | 1880-300<br>22.71 | 880-300P<br>22.71 | 25     | 0       | 120       |
| 1/4X36               | 880-360<br>27.89   | 1880-360<br>27.89 | 880-360P<br>27.89 | 25     | 0       | 120       |
| 1/4X42               | 880-420<br>32.34   | 1880-420<br>32.34 | 880-420P<br>32.34 | 25     | 0       | 120       |
| 1/4X48               | 880-480<br>36.51   | 1880-480<br>36.51 | 880-480P<br>36.51 | 25     | 0       | 120       |

#### 3/8" Diameter

|           |                 |                  |                  |    |     |     |
|-----------|-----------------|------------------|------------------|----|-----|-----|
| 3/8XCLOSE | 881-005<br>3.66 | 1881-005<br>3.66 | 881-005P<br>3.66 | 25 | 800 | 120 |
| 3/8X1-1/2 | 881-015<br>2.80 | 1881-015<br>4.03 | 881-015P<br>4.03 | 25 | 800 | 120 |
| 3/8X2     | 881-020<br>3.64 | 1881-020<br>4.32 | 881-020P<br>4.32 | 25 | 600 | 120 |
| 3/8X2-1/2 | 881-025<br>4.43 | 1881-025<br>4.43 | 881-025P<br>4.43 | 25 | 600 | 120 |
| 3/8X3     | 881-030<br>3.64 | 1881-030<br>4.81 | 881-030P<br>4.81 | 25 | 400 | 120 |
| 3/8X3-1/2 | 881-035<br>5.14 | 1881-035<br>5.14 | 881-035P<br>5.14 | 25 | 400 | 120 |
| 3/8X4     | 881-040<br>4.32 | 1881-040<br>5.48 | 881-040P<br>5.48 | 25 | 300 | 120 |
| 3/8X4-1/2 | 881-045<br>5.65 | 1881-045<br>5.65 | 881-045P<br>5.65 | 25 | 250 | 120 |
| 3/8X5     | 881-050<br>6.18 | 1881-050<br>6.18 | 881-050P<br>6.18 | 25 | 250 | 120 |
| 3/8X5-1/2 | 881-055<br>6.49 | 1881-055<br>6.49 | 881-055P<br>6.49 | 25 | 250 | 120 |
| 3/8X6     | 881-060<br>6.69 | 1881-060<br>6.69 | 881-060P<br>6.69 | 25 | 250 | 120 |
| 3/8X7     | 881-070<br>6.95 | 1881-070<br>6.95 | 881-070P<br>6.95 | 25 | 200 | 120 |
| 3/8X8     | 881-080<br>7.45 | 1881-080<br>7.45 | 881-080P<br>7.45 | 25 | 200 | 120 |
| 3/8X9     | 881-090<br>7.55 | 1881-090<br>7.55 | 881-090P<br>7.55 | 25 | 200 | 120 |

#### PVC Schedule 80 Nipples (continued)

| Size                 | Threaded Both Ends | Threaded One End  | Plain End         | Std Pk | Mstr Pk | Prod Code |
|----------------------|--------------------|-------------------|-------------------|--------|---------|-----------|
| <b>3/8" Diameter</b> |                    |                   |                   |        |         |           |
| 3/8X10               | 881-100<br>7.81    | 1881-100<br>7.81  | 881-100P<br>7.81  | 25     | 200     | 120       |
| 3/8X11               | 881-110<br>8.21    | 1881-110<br>8.21  | 881-110P<br>8.21  | 25     | 200     | 120       |
| 3/8X12               | 881-120<br>8.64    | 1881-120<br>8.64  | 881-120P<br>8.64  | 25     | 200     | 120       |
| 3/8X13               | 881-130<br>12.31   | 1881-130<br>12.31 | 881-130P<br>12.31 | 25     | 0       | 120       |
| 3/8X14               | 881-140<br>12.80   | 1881-140<br>12.80 | 881-140P<br>12.80 | 25     | 200     | 120       |
| 3/8X15               | 881-150<br>13.37   | 1881-150<br>13.37 | 881-150P<br>13.37 | 25     | 200     | 120       |
| 3/8X16               | 881-160<br>13.71   | 1881-160<br>13.71 | 881-160P<br>13.71 | 25     | 200     | 120       |
| 3/8X17               | 881-170<br>14.23   | 1881-170<br>14.23 | 881-170P<br>14.23 | 25     | 0       | 120       |
| 3/8X18               | 881-180<br>14.69   | 1881-180<br>14.69 | 881-180P<br>14.69 | 25     | 200     | 120       |
| 3/8X19               | 881-190<br>15.02   | 1881-190<br>15.02 | 881-190P<br>15.02 | 25     | 0       | 120       |
| 3/8X20               | 881-200<br>15.44   | 1881-200<br>15.44 | 881-200P<br>15.44 | 25     | 250     | 120       |
| 3/8X22               | 881-220<br>16.73   | 1881-220<br>16.73 | 881-220P<br>16.73 | 25     | 200     | 120       |
| 3/8X24               | 881-240<br>17.13   | 1881-240<br>17.13 | 881-240P<br>17.13 | 25     | 200     | 120       |
| 3/8X30               | 881-300<br>23.05   | 1881-300<br>23.05 | 881-300P<br>23.05 | 25     | 0       | 120       |
| 3/8X36               | 881-360<br>30.52   | 1881-360<br>30.52 | 881-360P<br>30.52 | 25     | 0       | 120       |
| 3/8X42               | 881-420<br>33.29   | 1881-420<br>33.29 | 881-420P<br>33.29 | 25     | 0       | 120       |
| 3/8X48               | 881-480<br>37.68   | 1881-480<br>37.68 | 881-480P<br>37.68 | 25     | 0       | 120       |

#### 1/2" Diameter

|           |                 |                  |                  |    |     |     |
|-----------|-----------------|------------------|------------------|----|-----|-----|
| 1/2XCLOSE | 882-005<br>2.45 | 1882-005<br>3.97 | 882-005P<br>3.97 | 25 | 675 | 120 |
| 1/2X1-1/2 | 882-015<br>2.45 | 1882-015<br>3.97 | 882-015P<br>3.97 | 25 | 600 | 120 |
| 1/2X2     | 882-020<br>2.60 | 1882-020<br>4.17 | 882-020P<br>4.17 | 50 | 300 | 120 |
| 1/2X2-1/2 | 882-025<br>2.60 | 1882-025<br>4.49 | 882-025P<br>4.49 | 50 | 600 | 120 |
| 1/2X3     | 882-030<br>2.94 | 1882-030<br>4.67 | 882-030P<br>4.67 | 50 | 600 | 120 |
| 1/2X3-1/2 | 882-035<br>2.94 | 1882-035<br>4.84 | 882-035P<br>4.84 | 25 | 300 | 120 |
| 1/2X4     | 882-040<br>3.45 | 1882-040<br>5.06 | 882-040P<br>5.06 | 25 | 300 | 120 |
| 1/2X4-1/2 | 882-045<br>3.45 | 1882-045<br>5.22 | 882-045P<br>5.22 | 25 | 300 | 120 |
| 1/2X5     | 882-050<br>3.82 | 1882-050<br>5.25 | 882-050P<br>5.25 | 25 | 300 | 120 |
| 1/2X5-1/2 | 882-055<br>5.41 | 1882-055<br>5.41 | 882-055P<br>5.41 | 25 | 300 | 120 |
| 1/2X6     | 882-060<br>4.02 | 1882-060<br>5.55 | 882-060P<br>5.55 | 25 | 300 | 120 |
| 1/2X7     | 882-070<br>4.66 | 1882-070<br>6.17 | 882-070P<br>6.17 | 25 | 200 | 120 |



Nipples Product  
PVC, CPVC & PE Nipples

PVC Nipples

PVC Schedule 80 Nipples (continued)

| Size                 | Threaded Both Ends | Threaded One End  | Plain End         | Std Pk | Mstr Pk | Prod Code |
|----------------------|--------------------|-------------------|-------------------|--------|---------|-----------|
| <b>1/2" Diameter</b> |                    |                   |                   |        |         |           |
| 1/2X8                | 882-080<br>4.99    | 1882-080<br>6.71  | 882-080P<br>6.71  | 25     | 0       | 120       |
| 1/2X9                | 882-090<br>7.06    | 1882-090<br>7.06  | 882-090P<br>7.06  | 25     | 0       | 120       |
| 1/2X10               | 882-100<br>5.45    | 1882-100<br>7.44  | 882-100P<br>7.44  | 25     | 0       | 120       |
| 1/2X11               | 882-110<br>7.97    | 1882-110<br>7.97  | 882-110P<br>7.97  | 25     | 0       | 120       |
| 1/2X12               | 882-120<br>6.02    | 1882-120<br>8.36  | 882-120P<br>8.36  | 25     | 0       | 120       |
| 1/2X13               | 882-130<br>8.74    | 1882-130<br>8.74  | 882-130P<br>8.74  | 25     | 0       | 120       |
| 1/2X14               | 882-140<br>9.03    | 1882-140<br>9.03  | 882-140P<br>9.03  | 100    | 0       | 120       |
| 1/2X15               | 882-150<br>9.41    | 1882-150<br>9.41  | 882-150P<br>9.41  | 100    | 0       | 120       |
| 1/2X16               | 882-160<br>9.78    | 1882-160<br>9.78  | 882-160P<br>9.78  | 100    | 0       | 120       |
| 1/2X17               | 882-170<br>10.14   | 1882-170<br>10.14 | 882-170P<br>10.14 | 100    | 0       | 120       |
| 1/2X18               | 882-180<br>10.61   | 1882-180<br>10.61 | 882-180P<br>10.61 | 25     | 100     | 120       |
| 1/2X19               | 882-190<br>11.58   | 1882-190<br>10.96 | 882-190P<br>10.96 | 100    | 0       | 120       |
| 1/2X20               | 882-200<br>11.29   | 1882-200<br>11.29 | 882-200P<br>11.29 | 100    | 0       | 120       |
| 1/2X22               | 882-220<br>12.06   | 1882-220<br>12.06 | 882-220P<br>12.06 | 100    | 0       | 120       |
| 1/2X24               | 882-240<br>12.88   | 1882-240<br>12.88 | 882-240P<br>12.88 | 25     | 100     | 120       |
| 1/2X30               | 882-300<br>18.08   | 1882-300<br>18.08 | 882-300P<br>18.08 | 25     | 0       | 120       |
| 1/2X36               | 882-360<br>20.35   | 1882-360<br>20.35 | 882-360P<br>20.35 | 25     | 0       | 120       |
| 1/2X42               | 882-420<br>27.15   | 1882-420<br>27.15 | 882-420P<br>27.15 | 25     | 0       | 120       |
| 1/2X48               | 882-480<br>28.55   | 1882-480<br>28.55 | 882-480P<br>28.55 | 25     | 0       | 120       |

**3/4" Diameter**

|           |                 |                  |                  |    |     |     |
|-----------|-----------------|------------------|------------------|----|-----|-----|
| 3/4XCLOSE | 883-005<br>2.60 | 1883-005<br>4.45 | 883-005P<br>4.45 | 25 | 450 | 120 |
| 3/4X1-1/2 | 883-015<br>2.60 | 1883-015<br>4.45 | 883-015P<br>4.45 | 25 | 500 | 120 |
| 3/4X2     | 883-020<br>2.60 | 1883-020<br>4.80 | 883-020P<br>4.80 | 25 | 150 | 120 |
| 3/4X2-1/2 | 883-025<br>2.94 | 1883-025<br>4.80 | 883-025P<br>4.80 | 25 | 150 | 120 |
| 3/4X3     | 883-030<br>2.94 | 1883-030<br>5.33 | 883-030P<br>5.33 | 25 | 300 | 120 |
| 3/4X3-1/2 | 883-035<br>3.83 | 1883-035<br>5.33 | 883-035P<br>5.33 | 25 | 300 | 120 |
| 3/4X4     | 883-040<br>4.02 | 1883-040<br>5.67 | 883-040P<br>5.67 | 25 | 300 | 120 |
| 3/4X4-1/2 | 883-045<br>4.02 | 1883-045<br>6.00 | 883-045P<br>6.00 | 25 | 200 | 120 |
| 3/4X5     | 883-050<br>4.80 | 1883-050<br>6.11 | 883-050P<br>6.11 | 25 | 200 | 120 |

PVC Schedule 80 Nipples (continued)

| Size                 | Threaded Both Ends | Threaded One End  | Plain End         | Std Pk | Mstr Pk | Prod Code |
|----------------------|--------------------|-------------------|-------------------|--------|---------|-----------|
| <b>3/4" Diameter</b> |                    |                   |                   |        |         |           |
| 3/4X5-1/2            | 883-055<br>6.52    | 1883-055<br>6.52  | 883-055P<br>6.52  | 25     | 200     | 120       |
| 3/4X6                | 883-060<br>4.99    | 1883-060<br>7.44  | 883-060P<br>7.44  | 25     | 200     | 120       |
| 3/4X7                | 883-070<br>7.91    | 1883-070<br>7.91  | 883-070P<br>7.91  | 25     | 200     | 120       |
| 3/4X8                | 883-080<br>5.81    | 1883-080<br>8.55  | 883-080P<br>8.55  | 25     | 0       | 120       |
| 3/4X9                | 883-090<br>9.14    | 1883-090<br>9.14  | 883-090P<br>9.14  | 25     | 0       | 120       |
| 3/4X10               | 883-100<br>6.71    | 1883-100<br>9.38  | 883-100P<br>9.38  | 25     | 0       | 120       |
| 3/4X11               | 883-110<br>9.60    | 1883-110<br>9.60  | 883-110P<br>9.60  | 25     | 0       | 120       |
| 3/4X12               | 883-120<br>7.56    | 1883-120<br>9.91  | 883-120P<br>9.91  | 25     | 0       | 120       |
| 3/4X13               | 883-130<br>10.34   | 1883-130<br>10.34 | 883-130P<br>10.34 | 25     | 0       | 120       |
| 3/4X14               | 883-140<br>10.66   | 1883-140<br>10.66 | 883-140P<br>10.66 | 100    | 0       | 120       |
| 3/4X15               | 883-150<br>10.91   | 1883-150<br>10.91 | 883-150P<br>10.91 | 100    | 0       | 120       |
| 3/4X16               | 883-160<br>11.36   | 1883-160<br>11.36 | 883-160P<br>11.36 | 100    | 0       | 120       |
| 3/4X17               | 883-170<br>11.78   | 1883-170<br>11.78 | 883-170P<br>11.78 | 100    | 0       | 120       |
| 3/4X18               | 883-180<br>12.31   | 1883-180<br>12.31 | 883-180P<br>12.31 | 25     | 100     | 120       |
| 3/4X19               | 883-190<br>12.72   | 1883-190<br>12.72 | 883-190P<br>12.72 | 100    | 0       | 120       |
| 3/4X20               | 883-200<br>13.20   | 1883-200<br>13.20 | 883-200P<br>13.20 | 100    | 0       | 120       |
| 3/4X22               | 883-220<br>14.04   | 1883-220<br>14.04 | 883-220P<br>14.04 | 100    | 0       | 120       |
| 3/4X24               | 883-240<br>15.04   | 1883-240<br>15.04 | 883-240P<br>15.04 | 25     | 100     | 120       |
| 3/4X30               | 883-300<br>20.81   | 1883-300<br>20.81 | 883-300P<br>20.81 | 25     | 0       | 120       |
| 3/4X36               | 883-360<br>24.59   | 1883-360<br>24.59 | 883-360P<br>24.59 | 25     | 0       | 120       |
| 3/4X42               | 883-420<br>26.34   | 1883-420<br>26.34 | 883-420P<br>26.34 | 25     | 0       | 120       |
| 3/4X48               | 883-480<br>30.52   | 1883-480<br>30.52 | 883-480P<br>30.52 | 25     | 0       | 120       |

**1" Diameter**

|         |                 |                  |                  |    |     |     |
|---------|-----------------|------------------|------------------|----|-----|-----|
| 1XCLOSE | 884-005<br>3.45 | 1884-005<br>4.86 | 884-005P<br>4.86 | 50 | 600 | 120 |
| 1X1-1/2 | 884-015<br>4.86 | 1884-015<br>4.86 | 884-015P<br>4.86 | 25 | 300 | 120 |
| 1X2     | 884-020<br>3.82 | 1884-020<br>5.25 | 884-020P<br>5.25 | 25 | 300 | 120 |
| 1X2-1/2 | 884-025<br>4.02 | 1884-025<br>5.49 | 884-025P<br>5.49 | 25 | 300 | 120 |
| 1X3     | 884-030<br>4.34 | 1884-030<br>5.80 | 884-030P<br>5.80 | 25 | 200 | 120 |
| 1X3-1/2 | 884-035<br>6.07 | 1884-035<br>6.07 | 884-035P<br>6.07 | 25 | 200 | 120 |
| 1X4     | 884-040<br>4.99 | 1884-040<br>6.33 | 884-040P<br>6.33 | 25 | 200 | 120 |



Nipples Product  
PVC, CPVC & PE Nipples

PVC Nipples

PVC Schedule 80 Nipples (continued)

| Size               | Threaded Both Ends | Threaded One End  | Plain End         | Std Pk | Mstr Pk | Prod Code |
|--------------------|--------------------|-------------------|-------------------|--------|---------|-----------|
| <b>1" Diameter</b> |                    |                   |                   |        |         |           |
| 1X4-1/2            | 884-045<br>6.71    | 1884-045<br>6.71  | 884-045P<br>6.71  | 25     | 200     | 120       |
| 1X5                | 884-050<br>6.02    | 1884-050<br>7.18  | 884-050P<br>7.18  | 25     | 0       | 120       |
| 1X5-1/2            | 884-055<br>7.55    | 1884-055<br>7.55  | 884-055P<br>7.55  | 25     | 0       | 120       |
| 1X6                | 884-060<br>6.85    | 1884-060<br>7.85  | 884-060P<br>7.85  | 25     | 0       | 120       |
| 1X7                | 884-070<br>8.53    | 1884-070<br>8.53  | 884-070P<br>8.53  | 25     | 0       | 120       |
| 1X8                | 884-080<br>8.03    | 1884-080<br>9.18  | 884-080<br>8.03   | 25     | 0       | 120       |
| 1X9                | 884-090<br>9.94    | 1884-090<br>9.94  | 884-090P<br>9.94  | 25     | 0       | 120       |
| 1X10               | 884-100<br>9.52    | 1884-100<br>10.61 | 884-100P<br>10.61 | 25     | 0       | 120       |
| 1X11               | 884-110<br>11.47   | 1884-110<br>11.47 | 884-110P<br>11.47 | 25     | 0       | 120       |
| 1X12               | 884-120<br>11.01   | 1884-120<br>11.91 | 884-120P<br>11.91 | 25     | 0       | 120       |
| 1X13               | 884-130<br>12.49   | 1884-130<br>12.49 | 884-130P<br>12.49 | 25     | 0       | 120       |
| 1X14               | 884-140<br>13.37   | 1884-140<br>13.37 | 884-140P<br>13.37 | 50     | 0       | 120       |
| 1X15               | 884-150<br>14.00   | 1884-150<br>14.00 | 884-150P<br>14.00 | 50     | 0       | 120       |
| 1X16               | 884-160<br>14.66   | 1884-160<br>14.66 | 884-160P<br>14.66 | 50     | 0       | 120       |
| 1X17               | 884-170<br>15.34   | 1884-170<br>15.34 | 884-170P<br>15.34 | 50     | 0       | 120       |
| 1X18               | 884-180<br>15.97   | 1884-180<br>15.97 | 884-180P<br>16.13 | 50     | 0       | 120       |
| 1X19               | 884-190<br>16.69   | 1884-190<br>16.69 | 884-190P<br>16.69 | 50     | 0       | 120       |
| 1X20               | 884-200<br>17.34   | 1884-200<br>17.34 | 884-200P<br>17.34 | 50     | 0       | 120       |
| 1X22               | 884-220<br>18.63   | 1884-220<br>18.63 | 884-220P<br>18.63 | 50     | 0       | 120       |
| 1X24               | 884-240<br>19.91   | 1884-240<br>19.91 | 884-240P<br>19.91 | 50     | 0       | 120       |
| 1X30               | 884-300<br>24.12   | 1884-300<br>24.12 | 884-300P<br>24.12 | 15     | 0       | 120       |
| 1X36               | 884-360<br>28.18   | 1884-360<br>28.18 | 884-360P<br>28.18 | 15     | 0       | 120       |
| 1X42               | 884-420<br>32.19   | 1884-420<br>32.19 | 884-420P<br>32.19 | 15     | 0       | 120       |
| 1X48               | 884-480<br>36.20   | 1884-480<br>36.20 | 884-480P<br>36.20 | 15     | 0       | 120       |

**1-1/4" Diameter**

|             |                 |                  |                  |    |     |     |
|-------------|-----------------|------------------|------------------|----|-----|-----|
| 1-1/4XCLOSE | 885-005<br>4.99 | 1885-005<br>5.28 | 885-005P<br>5.28 | 25 | 200 | 120 |
| 1-1/4X2     | 885-020<br>5.14 | 1885-020<br>5.73 | 885-020P<br>5.73 | 25 | 200 | 120 |
| 1-1/4X2-1/2 | 885-025<br>6.27 | 1885-025<br>6.27 | 885-025P<br>6.27 | 25 | 200 | 120 |
| 1-1/4X3     | 885-030<br>5.81 | 1885-030<br>6.49 | 885-030P<br>6.49 | 25 | 0   | 120 |

PVC Schedule 80 Nipples (continued)

| Size                   | Threaded Both Ends | Threaded One End  | Plain End         | Std Pk | Mstr Pk | Prod Code |
|------------------------|--------------------|-------------------|-------------------|--------|---------|-----------|
| <b>1-1/4" Diameter</b> |                    |                   |                   |        |         |           |
| 1-1/4X3-1/2            | 885-035<br>6.71    | 1885-035<br>6.71  | 885-035P<br>6.71  | 25     | 0       | 120       |
| 1-1/4X4                | 885-040<br>6.71    | 1885-040<br>7.45  | 885-040P<br>7.45  | 25     | 0       | 120       |
| 1-1/4X4-1/2            | 885-045<br>7.77    | 1885-045<br>7.77  | 885-045P<br>7.77  | 25     | 0       | 120       |
| 1-1/4X5                | 885-050<br>8.14    | 1885-050<br>8.14  | 885-050P<br>8.14  | 25     | 0       | 120       |
| 1-1/4X5-1/2            | 885-055<br>9.04    | 1885-055<br>9.04  | 885-055P<br>9.04  | 25     | 0       | 120       |
| 1-1/4X6                | 885-060<br>8.55    | 1885-060<br>9.35  | 885-060P<br>9.35  | 25     | 0       | 120       |
| 1-1/4X7                | 885-070<br>9.77    | 1885-070<br>9.77  | 885-070P<br>9.77  | 25     | 0       | 120       |
| 1-1/4X8                | 885-080<br>10.29   | 1885-080<br>10.29 | 885-080P<br>10.29 | 25     | 0       | 120       |
| 1-1/4X9                | 885-090<br>11.17   | 1885-090<br>11.17 | 885-090P<br>11.17 | 25     | 0       | 120       |
| 1-1/4X10               | 885-100<br>11.97   | 1885-100<br>11.97 | 885-100P<br>11.97 | 25     | 0       | 120       |
| 1-1/4X11               | 885-110<br>12.84   | 1885-110<br>12.84 | 885-110P<br>12.84 | 25     | 0       | 120       |
| 1-1/4X12               | 885-120<br>13.58   | 1885-120<br>14.04 | 885-120P<br>14.04 | 25     | 0       | 120       |
| 1-1/4X13               | 885-130<br>15.75   | 1885-130<br>15.75 | 885-130P<br>15.75 | 25     | 0       | 120       |
| 1-1/4X14               | 885-140<br>16.27   | 1885-140<br>16.27 | 885-140P<br>16.27 | 25     | 0       | 120       |
| 1-1/4X15               | 885-150<br>17.19   | 1885-150<br>17.19 | 885-150P<br>17.19 | 25     | 0       | 120       |
| 1-1/4X16               | 885-160<br>17.93   | 1885-160<br>17.93 | 885-160P<br>17.93 | 25     | 0       | 120       |
| 1-1/4X17               | 885-170<br>18.48   | 1885-170<br>18.48 | 885-170P<br>18.48 | 25     | 0       | 120       |
| 1-1/4X18               | 885-180<br>19.29   | 1885-180<br>19.29 | 885-180P<br>19.29 | 25     | 0       | 120       |
| 1-1/4X19               | 885-190<br>20.65   | 1885-190<br>20.65 | 885-190P<br>20.65 | 25     | 0       | 120       |
| 1-1/4X20               | 885-200<br>21.44   | 1885-200<br>21.44 | 885-200P<br>21.44 | 25     | 0       | 120       |
| 1-1/4X22               | 885-220<br>23.03   | 1885-220<br>23.03 | 885-220P<br>23.03 | 25     | 0       | 120       |
| 1-1/4X24               | 885-240<br>24.62   | 1885-240<br>24.62 | 885-240P<br>24.62 | 25     | 0       | 120       |
| 1-1/4X30               | 885-300<br>31.43   | 1885-300<br>31.43 | 885-300P<br>31.43 | 10     | 0       | 120       |
| 1-1/4X36               | 885-360<br>35.86   | 1885-360<br>35.86 | 885-360P<br>35.86 | 10     | 0       | 120       |
| 1-1/4X42               | 885-420<br>45.03   | 1885-420<br>45.03 | 885-420P<br>45.03 | 10     | 0       | 120       |
| 1-1/4X48               | 885-480<br>47.39   | 1885-480<br>47.39 | 885-480P<br>47.39 | 10     | 0       | 120       |

**1-1/2" Diameter**

|             |                 |                  |                  |    |   |     |
|-------------|-----------------|------------------|------------------|----|---|-----|
| 1-1/2XCLOSE | 886-005<br>5.45 | 1886-005<br>6.11 | 886-005P<br>6.11 | 25 | 0 | 120 |
| 1-1/2X2     | 886-020<br>6.02 | 1886-020<br>6.49 | 886-020P<br>6.49 | 25 | 0 | 120 |
| 1-1/2X2-1/2 | 886-025<br>6.91 | 1886-025<br>6.91 | 886-025P<br>6.91 | 25 | 0 | 120 |

**Schedule 80 PVC Product**  
**PVC Schedule 80 Fittings**



**Reducer Bushing**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Special Reinforced Reducer Bushing Flush Style (continued)**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |           |    |     |     |
|-----------|-----------|----|-----|-----|
| 838-210SR | 1-1/2X3/4 | 25 | 200 | 086 |
| 838-247SR | 2X1/2     | 10 | 80  | 086 |
| 838-248SR | 2X3/4     | 10 | 80  | 086 |
| 838-249SR | 2X1       | 10 | 120 | 086 |
| 838-334SR | 3X3/4     | 10 | 0   | 086 |
| 838-335SR | 3X1       | 10 | 0   | 086 |
| 838-336SR | 3X1-1/4   | 10 | 0   | 086 |
| 838-337SR | 3X1-1/2   | 10 | 0   | 086 |
| 838-528SR | 6X2       | 5  | 0   | 086 |
| 838-530SR | 6X3       | 5  | 0   | 086 |
| 838-532SR | 6X4       | 5  | 0   | 086 |

**Reducer Bushing (T.T.) Flush Style**

**Mipt x Fipt**

|         |             |    |     |     |
|---------|-------------|----|-----|-----|
| 839-041 | 1/4X1/8     | 25 | 500 | 080 |
| 839-052 | 3/8X1/4     | 50 | 450 | 080 |
| 839-072 | 1/2X1/4     | 50 | 300 | 080 |
| 839-073 | 1/2X3/8     | 50 | 300 | 080 |
| 839-098 | 3/4X1/4     | 50 | 300 | 080 |
| 839-099 | 3/4X3/8     | 50 | 300 | 080 |
| 839-101 | 3/4X1/2     | 50 | 300 | 080 |
| 839-128 | 1X1/4       | 25 | 150 | 080 |
| 839-129 | 1X3/8       | 50 | 600 | 080 |
| 839-130 | 1X1/2       | 50 | 300 | 080 |
| 839-131 | 1X3/4       | 50 | 700 | 080 |
| 839-166 | 1-1/4X1/2   | 25 | 150 | 080 |
| 839-167 | 1-1/4X3/4   | 25 | 150 | 080 |
| 839-168 | 1-1/4X1     | 25 | 300 | 080 |
| 839-209 | 1-1/2X1/2   | 25 | 150 | 080 |
| 839-210 | 1-1/2X3/4   | 25 | 300 | 080 |
| 839-211 | 1-1/2X1     | 25 | 300 | 080 |
| 839-212 | 1-1/2X1-1/4 | 25 | 300 | 080 |
| 839-247 | 2X1/2       | 10 | 60  | 080 |
| 839-248 | 2X3/4       | 10 | 60  | 080 |
| 839-249 | 2X1         | 10 | 60  | 080 |
| 839-250 | 2X1-1/4     | 10 | 60  | 080 |
| 839-251 | 2X1-1/2     | 10 | 60  | 080 |
| 839-292 | 2-1/2X2     | 10 | 80  | 080 |
| 839-337 | 3X1-1/2     | 10 | 0   | 080 |
| 839-338 | 3X2         | 10 | 0   | 080 |
| 839-339 | 3X2-1/2     | 10 | 0   | 080 |
| 839-420 | 4X2         | 6  | 0   | 080 |
| 839-422 | 4X3         | 6  | 0   | 080 |
| 839-532 | 6X4         | 5  | 0   | 080 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Reducer Bushing - Special Reinforced**

**Mipt x SR Fipt - Stainless Steel Collar**

|           |           |    |     |     |
|-----------|-----------|----|-----|-----|
| 839-128SR | 1X1/4     | 25 | 150 | 086 |
| 839-209SR | 1-1/2X1/2 | 25 | 300 | 086 |
| 839-210SR | 1-1/2X3/4 | 25 | 300 | 086 |
| 839-247SR | 2X1/2     | 10 | 60  | 086 |
| 839-248SR | 2X3/4     | 10 | 60  | 086 |
| 839-249SR | 2X1       | 10 | 120 | 086 |
| 839-420SR | 4X2       | 6  | 0   | 086 |

**Caps**

**Cap**

**Socket**

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| 847-002  | 1/4   | 25 | 450 | 080 |
| 847-003  | 3/8   | 25 | 450 | 080 |
| 847-005  | 1/2   | 50 | 300 | 080 |
| 847-007  | 3/4   | 25 | 300 | 080 |
| 847-010  | 1     | 15 | 90  | 080 |
| 847-012  | 1-1/4 | 10 | 60  | 080 |
| 847-015  | 1-1/2 | 10 | 120 | 080 |
| 847-020  | 2     | 10 | 80  | 080 |
| 847-025  | 2-1/2 | 5  | 40  | 080 |
| 847-030  | 3     | 5  | 0   | 080 |
| 847-040  | 4     | 5  | 0   | 080 |
| 847-050F | 5     | 1  | 6   | 083 |
| 847-060  | 6     | 4  | 0   | 080 |
| 847-080  | 8     | 3  | 0   | 080 |
| 847-100F | 10    | 1  | 5   | 083 |
| 847-120F | 12    | 1  | 4   | 083 |
| 847-140F | 14    | 1  | 2   | 083 |
| 847-160F | 16    | 1  | 2   | 083 |
| 847-180F | 18    | 1  | 0   | 083 |
| 847-200F | 20    | 1  | 0   | 083 |
| 847-240F | 24    | 1  | 0   | 083 |

**Cap**

**Fipt**

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 848-002 | 1/4   | 25 | 450 | 080 |
| 848-003 | 3/8   | 25 | 450 | 080 |
| 848-005 | 1/2   | 25 | 150 | 080 |
| 848-007 | 3/4   | 25 | 300 | 080 |
| 848-010 | 1     | 15 | 90  | 080 |
| 848-012 | 1-1/4 | 10 | 60  | 080 |
| 848-015 | 1-1/2 | 10 | 120 | 080 |
| 848-020 | 2     | 10 | 40  | 080 |
| 848-025 | 2-1/2 | 5  | 40  | 080 |
| 848-030 | 3     | 5  | 0   | 080 |

**Schedule 80 PVC Product**  
**PVC Schedule 80 Fittings**



**Tees**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Tee**

**Socket x Socket x Socket**

|          |       |    |     |     |
|----------|-------|----|-----|-----|
| 801-002  | 1/4   | 50 | 300 | 080 |
| 801-003  | 3/8   | 25 | 150 | 080 |
| 801-005  | 1/2   | 25 | 200 | 080 |
| 801-007  | 3/4   | 15 | 120 | 080 |
| 801-010  | 1     | 25 | 0   | 080 |
| 801-012  | 1-1/4 | 10 | 0   | 080 |
| 801-015  | 1-1/2 | 10 | 0   | 080 |
| 801-020  | 2     | 10 | 0   | 080 |
| 801-025  | 2-1/2 | 10 | 0   | 080 |
| 801-030  | 3     | 5  | 0   | 080 |
| 801-040  | 4     | 5  | 0   | 080 |
| 801-050  | 5     | 5  | 0   | 080 |
| 801-050F | 5     | 1  | 4   | 083 |
| 801-060  | 6     | 2  | 0   | 080 |
| 801-080  | 8     | 2  | 0   | 080 |
| 801-080F | 8     | 1  | 0   | 083 |
| 801-100  | 10    | 1  | 0   | 081 |
| 801-100F | 10    | 1  | 0   | 083 |
| 801-120  | 12    | 1  | 0   | 081 |
| 801-120F | 12    | 1  | 0   | 083 |
| 801-140  | 14    | 1  | 0   | 082 |
| 801-140F | 14    | 1  | 0   | 083 |
| 801-160F | 16    | 1  | 0   | 083 |
| 801-180F | 18    | 1  | 0   | 083 |
| 801-200F | 20    | 1  | 0   | 083 |
| 801-240F | 24    | 1  | 0   | 083 |



**Tee - Reducing**

**Socket x Socket x Socket**

|                      |               |    |     |     |
|----------------------|---------------|----|-----|-----|
| 801-101              | 3/4X1/2       | 15 | 120 | 080 |
| 801-130              | 1X1/2         | 15 | 0   | 080 |
| 801-131              | 1X3/4         | 15 | 0   | 080 |
| 801-157              | 1-1/4X1X3/4   | 15 | 0   | 080 |
| 801-158              | 1-1/4X1X1     | 15 | 0   | 080 |
| 801-159              | 1-1/4X1X1-1/4 | 15 | 0   | 080 |
| 801-166 <sup>1</sup> | 1-1/4X1/2     | 10 | 0   | 080 |
| 801-167              | 1-1/4X3/4     | 10 | 0   | 080 |
| 801-168              | 1-1/4X1       | 15 | 0   | 080 |
| 801-202              | 1-1/2X1-1/4X1 | 10 | 0   | 080 |
| 801-209              | 1-1/2X1/2     | 10 | 0   | 080 |
| 801-210              | 1-1/2X3/4     | 15 | 0   | 080 |
| 801-211              | 1-1/2X1       | 10 | 0   | 080 |
| 801-212              | 1-1/2X1-1/4   | 10 | 0   | 080 |
| 801-247              | 2X1/2         | 10 | 0   | 080 |
| 801-248              | 2X3/4         | 10 | 0   | 080 |
| 801-249              | 2X1           | 10 | 0   | 080 |



| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Tee - Reducing (continued)**

**Socket x Socket x Socket**

|                       |             |    |   |     |
|-----------------------|-------------|----|---|-----|
| 801-250               | 2X1-1/4     | 10 | 0 | 080 |
| 801-251               | 2X1-1/2     | 10 | 0 | 080 |
| 801-254 <sup>1</sup>  | 2X2X4       | 5  | 0 | 080 |
| 801-287               | 2-1/2X1/2   | 10 | 0 | 080 |
| 801-288               | 2-1/2X3/4   | 10 | 0 | 080 |
| 801-289               | 2-1/2X1     | 10 | 0 | 080 |
| 801-290               | 2-1/2X1-1/4 | 10 | 0 | 080 |
| 801-291               | 2-1/2X1-1/2 | 10 | 0 | 080 |
| 801-292               | 2-1/2X2     | 10 | 0 | 080 |
| 801-333 <sup>1</sup>  | 3X1/2       | 5  | 0 | 080 |
| 801-334               | 3X3/4       | 6  | 0 | 080 |
| 801-335               | 3X1         | 5  | 0 | 080 |
| 801-336 <sup>1</sup>  | 3X1-1/4     | 5  | 0 | 080 |
| 801-337               | 3X1-1/2     | 5  | 0 | 080 |
| 801-338               | 3X2         | 5  | 0 | 080 |
| 801-339               | 3X2-1/2     | 6  | 0 | 080 |
| 801-415 <sup>1</sup>  | 4X1/2       | 5  | 0 | 080 |
| 801-416 <sup>1</sup>  | 4X3/4       | 5  | 0 | 080 |
| 801-417               | 4X1         | 5  | 0 | 080 |
| 801-418 <sup>1</sup>  | 4X1-1/4     | 5  | 0 | 080 |
| 801-419               | 4X1-1/2     | 5  | 0 | 080 |
| 801-420               | 4X2         | 5  | 0 | 080 |
| 801-421 <sup>1</sup>  | 4X2-1/2     | 5  | 0 | 080 |
| 801-422               | 4X3         | 5  | 0 | 080 |
| 801-426 <sup>1</sup>  | 4X6         | 4  | 0 | 080 |
| 801-482 <sup>1</sup>  | 5X1-1/4     | 4  | 0 | 080 |
| 801-482F              | 5X1-1/4     | 1  | 5 | 083 |
| 801-484 <sup>1</sup>  | 5X1-1/2     | 4  | 0 | 080 |
| 801-484F              | 5X1-1/2     | 1  | 5 | 083 |
| 801-486 <sup>1</sup>  | 5X2         | 4  | 0 | 080 |
| 801-486F              | 5X2         | 1  | 5 | 083 |
| 801-487 <sup>1</sup>  | 5X2-1/2     | 4  | 0 | 080 |
| 801-487F              | 5X2-1/2     | 1  | 4 | 083 |
| 801-488 <sup>1</sup>  | 5X3         | 4  | 0 | 080 |
| 801-488F              | 5X3         | 1  | 4 | 083 |
| 801-490 <sup>1</sup>  | 5X4         | 4  | 0 | 080 |
| 801-490F              | 5X4         | 1  | 4 | 083 |
| 801-523 <sup>1</sup>  | 6X1/2       | 4  | 0 | 080 |
| 801-524 <sup>1</sup>  | 6X3/4       | 6  | 0 | 080 |
| 801-525               | 6X1         | 6  | 0 | 080 |
| 801-525F <sup>1</sup> | 6X1         | 4  | 0 | 083 |
| 801-526 <sup>1</sup>  | 6X1-1/4     | 4  | 0 | 080 |
| 801-527 <sup>1</sup>  | 6X1-1/2     | 4  | 0 | 080 |
| 801-527F              | 6X1-1/2     | 1  | 4 | 083 |
| 801-528               | 6X2         | 6  | 0 | 080 |
| 801-529 <sup>1</sup>  | 6X2-1/2     | 4  | 0 | 080 |
| 801-530               | 6X3         | 5  | 0 | 080 |
| 801-530F              | 6X3         | 1  | 3 | 083 |
| 801-532               | 6X4         | 5  | 0 | 080 |
| 801-533F              | 6X5         | 1  | 3 | 083 |
| 801-537F              | 6X10        | 1  | 0 | 083 |
| 801-539F              | 6X12        | 1  | 0 | 083 |
| 801-573 <sup>1</sup>  | 8X1/2       | 2  | 0 | 080 |
| 801-575 <sup>1</sup>  | 8X1         | 2  | 0 | 080 |



## Schedule 80 PVC Product PVC Schedule 80 Fittings

### Couplings

| Part Number | Size | Gasket to Gasket - L1 | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|-----------------------|--------|----------|-----------|
|-------------|------|-----------------------|--------|----------|-----------|

#### Repair Coupling- Fabricated

##### Gasket x Gasket

|          |    |         |   |    |     |
|----------|----|---------|---|----|-----|
| 828-020F | 2  | 6       | 1 | 15 | 083 |
| 828-030F | 3  | 11- 3/4 | 1 | 10 | 083 |
| 828-040F | 4  | 15      | 1 | 4  | 083 |
| 828-060F | 6  | 18-1/4  | 1 | 2  | 083 |
| 828-080F | 8  | 19      | 1 | 2  | 083 |
| 828-100F | 10 | 21-1/4  | 1 | 0  | 083 |
| 828-120F | 12 | 21-3/8  | 1 | 0  | 083 |
| 828-140F | 14 | 21      | 1 | 0  | 083 |
| 828-160F | 16 | 22-1/4  | 1 | 0  | 083 |
| 828-180F | 18 | 22-5/8  | 1 | 0  | 083 |
| 828-200F | 20 | 23-1/2  | 1 | 0  | 083 |
| 828-240F | 24 | 23-1/2  | 1 | 0  | 083 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

#### Coupling - No Stop

##### Socket x Socket - No Pipe Stop

|           |       |    |   |     |
|-----------|-------|----|---|-----|
| 829-007NS | 3/4   | 25 | 0 | 080 |
| 829-010NS | 1     | 25 | 0 | 080 |
| 829-012NS | 1-1/4 | 10 | 0 | 080 |
| 829-015NS | 1-1/2 | 10 | 0 | 080 |
| 829-020NS | 2     | 20 | 0 | 080 |
| 829-025NS | 2-1/2 | 10 | 0 | 080 |
| 829-030NS | 3     | 6  | 0 | 080 |
| 829-040NS | 4     | 5  | 0 | 080 |
| 829-050NS | 5     | 5  | 0 | 080 |
| 829-060NS | 6     | 4  | 0 | 080 |
| 829-080NS | 8     | 4  | 0 | 080 |
| 829-100NS | 10    | 1  | 0 | 081 |
| 829-120NS | 12    | 1  | 0 | 081 |

#### Coupling

##### Socket x Socket

|         |       |    |     |     |
|---------|-------|----|-----|-----|
| 829-002 | 1/4   | 25 | 450 | 080 |
| 829-003 | 3/8   | 25 | 150 | 080 |
| 829-005 | 1/2   | 25 | 150 | 080 |
| 829-007 | 3/4   | 25 | 300 | 080 |
| 829-010 | 1     | 25 | 200 | 080 |
| 829-012 | 1-1/4 | 10 | 60  | 080 |
| 829-015 | 1-1/2 | 10 | 80  | 080 |
| 829-020 | 2     | 20 | 0   | 080 |
| 829-025 | 2-1/2 | 10 | 0   | 080 |
| 829-030 | 3     | 5  | 0   | 080 |
| 829-040 | 4     | 5  | 0   | 080 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

#### Coupling (continued)

##### Socket x Socket

|          |    |   |   |     |
|----------|----|---|---|-----|
| 829-050  | 5  | 5 | 0 | 080 |
| 829-050F | 5  | 1 | 5 | 083 |
| 829-060  | 6  | 4 | 0 | 080 |
| 829-080  | 8  | 4 | 0 | 080 |
| 829-100  | 10 | 1 | 0 | 081 |
| 829-100F | 10 | 1 | 0 | 083 |
| 829-120  | 12 | 1 | 0 | 081 |
| 829-120F | 12 | 1 | 0 | 083 |
| 829-140  | 14 | 1 | 0 | 082 |
| 829-140F | 14 | 1 | 0 | 083 |
| 829-160F | 16 | 1 | 0 | 083 |
| 829-180F | 18 | 1 | 0 | 083 |
| 829-200F | 20 | 1 | 0 | 083 |
| 829-240F | 24 | 1 | 0 | 083 |

#### Coupling - Reducer

##### Socket x Socket

|                       |             |    |     |     |
|-----------------------|-------------|----|-----|-----|
| 829-101               | 3/4X1/2     | 50 | 400 | 080 |
| 829-130               | 1X1/2       | 25 | 200 | 080 |
| 829-131               | 1X3/4       | 25 | 200 | 080 |
| 829-166               | 1-1/4X1/2   | 25 | 0   | 080 |
| 829-167               | 1-1/4X3/4   | 25 | 0   | 080 |
| 829-168               | 1-1/4X1     | 25 | 0   | 080 |
| 829-209               | 1-1/2X1/2   | 25 | 0   | 080 |
| 829-210               | 1-1/2X3/4   | 25 | 0   | 080 |
| 829-211               | 1-1/2X1     | 25 | 0   | 080 |
| 829-212               | 1-1/2X1-1/4 | 25 | 0   | 080 |
| 829-247               | 2X1/2       | 25 | 0   | 080 |
| 829-248               | 2X3/4       | 10 | 80  | 080 |
| 829-249               | 2X1         | 25 | 0   | 080 |
| 829-250               | 2X1-1/4     | 10 | 40  | 080 |
| 829-251               | 2X1-1/2     | 10 | 40  | 080 |
| 829-290 <sup>1</sup>  | 2-1/2X1-1/4 | 10 | 0   | 080 |
| 829-291               | 2-1/2X1-1/2 | 10 | 0   | 080 |
| 829-292               | 2-1/2X2     | 10 | 0   | 080 |
| 829-335 <sup>1</sup>  | 3X1         | 8  | 0   | 080 |
| 829-336 <sup>1</sup>  | 3X1-1/4     | 6  | 0   | 080 |
| 829-337               | 3X1-1/2     | 8  | 0   | 080 |
| 829-338               | 3X2         | 10 | 0   | 080 |
| 829-339               | 3X2-1/2     | 10 | 0   | 080 |
| 829-339F              | 3X2-1/2     | 1  | 9   | 083 |
| 829-416 <sup>1</sup>  | 4X3/4       | 6  | 0   | 080 |
| 829-417 <sup>1</sup>  | 4X1         | 6  | 0   | 080 |
| 829-419 <sup>1</sup>  | 4X1-1/2     | 6  | 0   | 080 |
| 829-420               | 4X2         | 6  | 0   | 080 |
| 829-421               | 4X2-1/2     | 4  | 0   | 080 |
| 829-422               | 4X3         | 4  | 0   | 080 |
| 829-460F              | 4-1/2X4     | 1  | 20  | 083 |
| 829-487F <sup>1</sup> | 5X2-1/2     | 1  | 6   | 083 |
| 829-488F <sup>1</sup> | 5X3         | 1  | 6   | 083 |
| 829-490F              | 5X4         | 1  | 8   | 083 |

**Schedule 80 PVC Product**  
**PVC Schedule 80 Fittings**



**Adapters**

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Female Spigot Adapter - Special Reinforced** (continued)

**Spigot x SR Fipt - Stainless Steel Collar**

|           |       |    |   |     |
|-----------|-------|----|---|-----|
| 878-015SR | 1-1/2 | 25 | 0 | 086 |
| 878-020SR | 2     | 15 | 0 | 086 |
| 878-030SR | 3     | 5  | 0 | 086 |
| 878-040SR | 4     | 5  | 0 | 086 |

**Female Spigot Adapter - Special Reinforced Reducing**

**Spigot x SR Fipt - Stainless Steel Collar**

|           |         |    |     |     |
|-----------|---------|----|-----|-----|
| 878-072SR | 1/2X1/4 | 25 | 450 | 086 |
| 878-098SR | 3/4X1/4 | 50 | 400 | 086 |
| 878-128SR | 1X1/4   | 50 | 400 | 086 |

**Female Spigot Adapter - Encapsulated Special Reinforced, Spigot**

**Spigot x ESR Fipt**

|            |       |    |     |     |
|------------|-------|----|-----|-----|
| 878-005ESR | 1/2   | 50 | 600 | 086 |
| 878-007ESR | 3/4   | 25 | 300 | 086 |
| 878-010ESR | 1     | 50 | 0   | 086 |
| 878-012ESR | 1-1/4 | 25 | 0   | 086 |
| 878-015ESR | 1-1/2 | 25 | 0   | 086 |
| 878-020ESR | 2     | 15 | 0   | 086 |

**Female Spigot Adapter - Stainless Steel Transition**

**Spigot x Fipt With 316 Stainless Steel Thread Insert**

|           |         |    |     |     |
|-----------|---------|----|-----|-----|
| 878-005SS | 1/2     | 25 | 150 | 086 |
| 878-007SS | 3/4     | 15 | 90  | 086 |
| 878-010SS | 1       | 15 | 90  | 086 |
| 878-072SS | 1/2X1/4 | 25 | 150 | 086 |

**Reducer Bushing**

**Reducer Bushing Flush Style**

**Spigot x Socket**

|                      |           |    |     |     |
|----------------------|-----------|----|-----|-----|
| 837-052              | 3/8X1/4   | 50 | 450 | 080 |
| 837-072              | 1/2X1/4   | 50 | 300 | 080 |
| 837-073              | 1/2X3/8   | 50 | 600 | 080 |
| 837-101              | 3/4X1/2   | 50 | 600 | 080 |
| 837-129 <sup>1</sup> | 1X3/8     | 50 | 200 | 080 |
| <b>837-130</b>       | 1X1/2     | 50 | 300 | 080 |
| 837-131              | 1X3/4     | 50 | 400 | 080 |
| 837-166              | 1-1/4X1/2 | 25 | 150 | 080 |
| 837-167              | 1-1/4X3/4 | 25 | 300 | 080 |
| 837-168              | 1-1/4X1   | 25 | 150 | 080 |
| 837-209              | 1-1/2X1/2 | 25 | 200 | 080 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code |
|-------------|------|--------|----------|-----------|
|-------------|------|--------|----------|-----------|

**Reducer Bushing Flush Style (continued)**

**Spigot x Socket**

|                      |             |    |     |     |
|----------------------|-------------|----|-----|-----|
| 837-210              | 1-1/2X3/4   | 25 | 200 | 080 |
| 837-211              | 1-1/2X1     | 25 | 200 | 080 |
| 837-212              | 1-1/2X1-1/4 | 25 | 200 | 080 |
| 837-247              | 2X1/2       | 10 | 120 | 080 |
| 837-248              | 2X3/4       | 10 | 120 | 080 |
| 837-249              | 2X1         | 10 | 120 | 080 |
| 837-250              | 2X1-1/4     | 10 | 120 | 080 |
| 837-251              | 2X1-1/2     | 10 | 120 | 080 |
| 837-287 <sup>1</sup> | 2-1/2X1/2   | 10 | 40  | 080 |
| 837-288 <sup>1</sup> | 2-1/2X3/4   | 10 | 40  | 080 |
| 837-289              | 2-1/2X1     | 10 | 40  | 080 |
| 837-290              | 2-1/2X1-1/4 | 10 | 80  | 080 |
| 837-291              | 2-1/2X1-1/2 | 10 | 40  | 080 |
| 837-292              | 2-1/2X2     | 15 | 0   | 080 |
| 837-333              | 3X1/2       | 10 | 0   | 080 |
| 837-334 <sup>1</sup> | 3X3/4       | 10 | 0   | 080 |
| 837-335              | 3X1         | 10 | 0   | 080 |
| 837-336              | 3X1-1/4     | 10 | 0   | 080 |
| 837-337              | 3X1-1/2     | 10 | 0   | 080 |
| 837-338              | 3X2         | 10 | 0   | 080 |
| 837-339              | 3X2-1/2     | 15 | 0   | 080 |
| 837-415 <sup>1</sup> | 4X1/2       | 6  | 0   | 080 |
| 837-416 <sup>1</sup> | 4X3/4       | 6  | 0   | 080 |
| 837-417 <sup>1</sup> | 4X1         | 6  | 0   | 080 |
| 837-418 <sup>1</sup> | 4X1-1/4     | 6  | 0   | 080 |
| 837-419              | 4X1-1/2     | 6  | 0   | 080 |
| 837-420              | 4X2         | 6  | 0   | 080 |
| 837-421              | 4X2-1/2     | 6  | 0   | 080 |
| 837-422              | 4X3         | 6  | 0   | 080 |
| 837-486 <sup>1</sup> | 5X2         | 3  | 0   | 080 |
| 837-488 <sup>1</sup> | 5X3         | 5  | 0   | 080 |
| 837-490              | 5X4         | 4  | 0   | 080 |
| 837-490F             | 5X4         | 1  | 4   | 083 |
| 837-524 <sup>1</sup> | 6X3/4       | 5  | 0   | 080 |
| 837-525 <sup>1</sup> | 6X1         | 5  | 0   | 080 |
| 837-526 <sup>1</sup> | 6X1-1/4     | 5  | 0   | 080 |
| 837-527 <sup>1</sup> | 6X1-1/2     | 5  | 0   | 080 |
| 837-528              | 6X2         | 5  | 0   | 080 |
| 837-529              | 6X2-1/2     | 5  | 0   | 080 |
| 837-530              | 6X3         | 5  | 0   | 080 |
| 837-532              | 6X4         | 5  | 0   | 080 |
| 837-533F             | 6X5         | 1  | 5   | 083 |
| 837-534              | 6X5         | 5  | 0   | 080 |
| 837-577 <sup>1</sup> | 8X1-1/2     | 4  | 0   | 080 |
| 837-578 <sup>1</sup> | 8X2         | 4  | 0   | 080 |
| 837-580 <sup>1</sup> | 8X3         | 4  | 0   | 080 |
| 837-582              | 8X4         | 4  | 0   | 080 |
| 837-583 <sup>1</sup> | 8X5         | 2  | 0   | 080 |
| 837-583F             | 8X5         | 1  | 6   | 083 |
| 837-585              | 8X6         | 4  | 0   | 080 |
| 837-621 <sup>1</sup> | 10X2        | 2  | 0   | 081 |
| 837-622 <sup>1</sup> | 10X2-1/2    | 2  | 0   | 081 |
| 837-623 <sup>1</sup> | 10X3        | 2  | 0   | 081 |
| 837-624 <sup>1</sup> | 10X4        | 2  | 0   | 081 |