

## SUBMITTAL SHEET

|                   |             |
|-------------------|-------------|
| JOB NAME          | ITEM TAG    |
| JOB LOCATION      | PART NUMBER |
| CONTRACTOR        | DATE        |
| ENGINEER APPROVAL | DATE        |

### UPVC Union

#### UPVC Schedule 80 Union

Designed for Schedule 80 UPVC piping systems.  
 Constructed of non-conductive, corrosion-proof virgin UPVC resin.  
 Ideal for making a system serviceable, by permitting disassembly and re-assembly.  
 Not suitable for compressed air or compressed gases.  
 Available in solvent-weld Nominal Pipe Sizes 1/2" to 2" and 3".

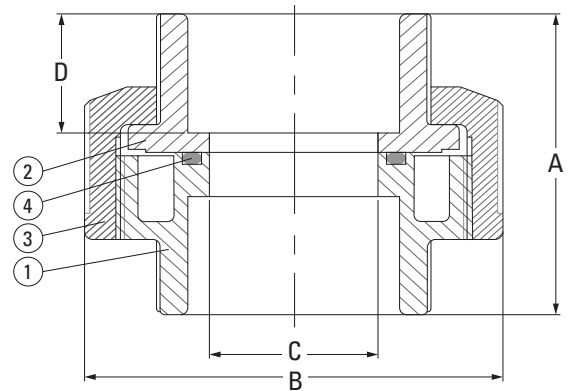


**Pictured:  
UPVC Schedule 80 Union**

#### Working Pressure, Non Shock (PSI)

Cold working pressure (CWP): 150 psi @ 73 °F  
 Saturated steam (WSP): Not suitable for steam service  
 Maximum Service Temperature: 140 °F

| DIMENSIONS        |      |      |      |      |
|-------------------|------|------|------|------|
| NOMINAL PIPE SIZE | A    | B    | C    | D    |
| 1/2"              | 2.20 | 1.83 | 0.53 | 0.87 |
| 3/4"              | 2.52 | 2.17 | 0.65 | 1.00 |
| 1"                | 2.83 | 2.60 | 0.87 | 1.13 |
| 1-1/4"            | 3.43 | 3.23 | 1.18 | 1.25 |
| 1-1/2"            | 3.54 | 3.86 | 1.50 | 1.38 |
| 2"                | 3.86 | 4.72 | 1.89 | 1.50 |
| 3"                | 5.00 | 6.42 | 2.95 | 1.88 |



**Pictured:  
UPVC Schedule 80 Union  
Cut-away view**

| MATERIALS |             |  |                         |
|-----------|-------------|--|-------------------------|
| PART      | MATERIAL    | SPECIFICATION                            |                         |
| 1         | Body        | Polyvinyl Chloride, Unplasticized (UPVC) | ASTM D1784, Class 12454 |
| 2         | End Adapter | Polyvinyl Chloride, Unplasticized (UPVC) | ASTM D1784, Class 12454 |
| 3         | Union Nut   | Polyvinyl Chloride, Unplasticized (UPVC) | ASTM D1784, Class 12454 |
| 4         | O-ring      | EPDM                                     | Commercial Grade        |

#### Certifications / Standards:

- Third-party certified:
- NSF/ANSI 61: Drinking water system components - Health effects.
- ASTM F1970: Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems.
- ASTM D2467: Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80.
- ASTM D1784: Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.