

# ABS & PVC-DWV Pipe & Fittings

NIBCO® ABS 5800 series fittings conform to the material and dimensions of American Society for Testing and Materials, ASTM D2661 and D3311. ABS pipe meets the material requirements of ASTM D3965 and the dimensions of ASTM D2661.

NIBCO PVC 4800 series fittings are manufactured to meet the material and dimensional requirements of ASTM D2665 and D3311. PVC pipe is produced in compliance with ASTM D2665 and D1784.

NIBCO products have been designed to conform to the specifications listed above. Many of these products have been listed by and contain the mark of CSA, IAPMO, and NSF. For a current listing contact NIBCO INC.

## ABS & PVC Schedule 40 Pipe Dimensions

| Nominal Size                  | Average O.D., in. | Average I.D., in. | Min. Wall Thickness, in. |
|-------------------------------|-------------------|-------------------|--------------------------|
| 1 <sup>1</sup> / <sub>4</sub> | 1.660             | 1.380             | 0.140                    |
| 1 <sup>1</sup> / <sub>2</sub> | 1.900             | 1.610             | 0.145                    |
| 2                             | 2.375             | 2.067             | 0.154                    |
| 3                             | 3.500             | 3.068             | 0.216                    |
| 4                             | 4.500             | 4.026             | 0.237                    |
| 6                             | 6.625             | 6.065             | 0.280                    |
| 8*                            | 8.625             | 7.981             | 0.322                    |
| 10*                           | 10.750            | 10.020            | 0.365                    |
| 12*                           | 12.750            | 11.938            | 0.406                    |

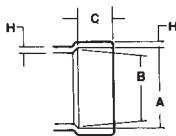
\*These sizes of ABS pipe are not currently covered in ASTM D2661.

## Pipe

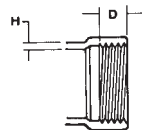


## Dimensions of NIBCO ABS & PVC DWV Fitting Sockets, Threaded Ends and Male Ends

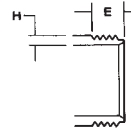
Solvent  
Socket  
(HUB)



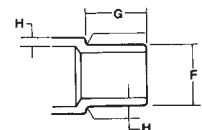
Internal (Female)  
Threads  
(FIPT)



External (Male)  
Threads  
(MIPT)



Spigot (Male)  
End  
(SPIG)



| Nominal Size                  | A, avg. | B, avg. | C, min. | D    | E    | F      | G, min. | H, min. |
|-------------------------------|---------|---------|---------|------|------|--------|---------|---------|
| 1 <sup>1</sup> / <sub>4</sub> | 1.670   | 1.655   | 0.688   | 0.75 | 0.71 | 1.660  | 0.75    | 0.16    |
| 1 <sup>1</sup> / <sub>2</sub> | 1.910   | 1.895   | 0.688   | 0.75 | 0.72 | 1.900  | 0.75    | 0.16    |
| 2                             | 2.385   | 2.370   | 0.750   | 0.75 | 0.75 | 2.375  | 0.81    | 0.16    |
| 3                             | 3.515   | 3.495   | 1.500   | 1.20 | 1.20 | 3.500  | 1.56    | 0.22    |
| 4                             | 4.515   | 4.495   | 1.750   | 1.30 | 1.30 | 4.500  | 1.81    | 0.25    |
| 6                             | 6.647   | 6.614   | 3.000   | 1.50 | 1.51 | 6.625  | 3.06    | 0.28    |
| 8                             | 8.655   | 8.610   | 4.000   | 2.00 | 1.72 | 8.625  | 4.06    | 0.33    |
| 10                            | 10.776  | 10.737  | 5.000   | 2.20 | N/A  | 10.750 | 5.06    | 0.36    |
| 12                            | 12.788  | 12.736  | 6.000   | 2.38 | N/A  | 12.750 | 6.06    | 0.41    |

Visit our website for the most current information.