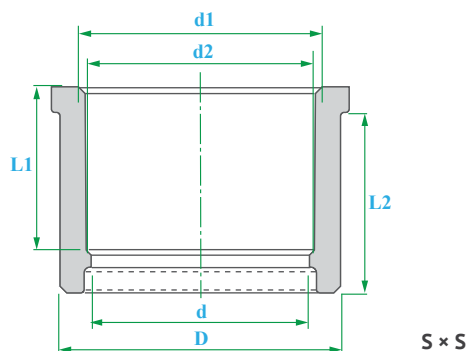


# CPVC SCHEDULE 80 FITTINGS

## Weights, Dimensions and Tolerances

SECTION

### Reducing Bushes



| PART            | NOMINAL SIZE   | REDUCER - S × S | UNIT OF MEASURE: MM |        |        |        |        |             |
|-----------------|----------------|-----------------|---------------------|--------|--------|--------|--------|-------------|
|                 |                | D               | d                   | d1     | d2     | L1     | L2     | APPROX. WT. |
| 0308.RBH.007504 | 3/4 > 1/2"     | 26.67           | 19.00               | 21.54  | 21.23  | 22.50  | 25.50  | 0.01        |
| 0308.RBH.010004 | 1 > 1/2"       | 33.40           | 19.00               | 21.54  | 21.23  | 22.50  | 29.00  | 0.03        |
| 0308.RBH.010005 | 1 > 3/4"       | 33.40           | 24.00               | 26.87  | 26.57  | 25.50  | 29.00  | 0.02        |
| 0308.RBH.012504 | 1 1/4 > 1/2"   | 42.16           | 19.00               | 21.54  | 21.23  | 22.50  | 32.00  | 0.05        |
| 0308.RBH.012505 | 1 1/4 > 3/4"   | 42.16           | 24.00               | 26.87  | 26.57  | 25.50  | 32.00  | 0.05        |
| 0308.RBH.012506 | 1 1/4 > 1"     | 42.16           | 31.00               | 33.65  | 33.27  | 29.00  | 32.00  | 0.03        |
| 0308.RBH.015004 | 1 1/2 > 1/2"   | 48.26           | 19.00               | 21.54  | 21.23  | 22.50  | 35.00  | 0.04        |
| 0308.RBH.015005 | 1 1/2 > 3/4"   | 48.26           | 24.00               | 26.87  | 26.57  | 25.50  | 35.00  | 0.06        |
| 0308.RBH.015006 | 1 1/2 > 1"     | 48.26           | 31.00               | 33.65  | 33.27  | 29.00  | 35.00  | 0.06        |
| 0308.RBH.015007 | 1 1/2 > 1 1/4" | 48.26           | 40.00               | 42.42  | 42.04  | 32.00  | 35.00  | 0.04        |
| 0308.RBH.020004 | 2 > 1/2"       | 60.33           | 19.00               | 21.54  | 21.23  | 22.50  | 38.50  | 0.10        |
| 0308.RBH.020005 | 2 > 3/4"       | 60.33           | 24.00               | 26.87  | 26.57  | 25.50  | 38.50  | 0.09        |
| 0308.RBH.020006 | 2 > 1"         | 60.33           | 31.00               | 33.65  | 33.27  | 29.00  | 38.50  | 0.09        |
| 0308.RBH.020007 | 2 > 1 1/4"     | 60.33           | 40.00               | 42.42  | 42.04  | 32.00  | 38.50  | 0.09        |
| 0308.RBH.020008 | 2 > 1 1/2"     | 60.33           | 46.00               | 48.56  | 48.11  | 35.00  | 38.50  | 0.07        |
| 0308.RBH.025008 | 2 1/2 > 1 1/2" | 73.03           | 46.00               | 48.56  | 48.11  | 35.00  | 44.50  | 0.17        |
| 0308.RBH.025009 | 2 1/2 > 2"     | 73.03           | 58.00               | 60.63  | 60.17  | 38.50  | 44.50  | 0.10        |
| 0308.RBH.030006 | 3 > 1"         | 88.90           | 31.00               | 33.65  | 33.27  | 29.00  | 48.00  | 0.24        |
| 0308.RBH.030008 | 3 > 1 1/2"     | 88.90           | 46.00               | 48.56  | 48.11  | 35.00  | 48.00  | 0.24        |
| 0308.RBH.030009 | 3 > 2"         | 88.90           | 58.00               | 60.63  | 60.17  | 38.50  | 48.00  | 0.25        |
| 0308.RBH.030010 | 3 > 2 1/2"     | 88.90           | 70.00               | 73.38  | 72.85  | 44.50  | 48.00  | 0.17        |
| 0308.RBH.040009 | 4 > 2"         | 114.30          | 58.00               | 60.63  | 60.17  | 38.50  | 58.00  | 0.42        |
| 0308.RBH.040010 | 4 > 2 1/2"     | 114.30          | 70.00               | 73.38  | 72.85  | 44.50  | 58.00  | 0.42        |
| 0308.RBH.040011 | 4 > 3"         | 114.30          | 86.00               | 89.31  | 88.70  | 48.00  | 58.00  | 0.35        |
| 0308.RBH.050012 | 5 > 4"         | -               | -                   | -      | -      | -      | -      | 0.65        |
| 0308.RBH.060009 | 6 > 2"         | 168.28          | 58.00               | 60.63  | 60.17  | 38.50  | 77.00  | 1.20        |
| 0308.RBH.060011 | 6 > 3"         | 168.28          | 86.00               | 89.31  | 88.70  | 48.00  | 77.00  | 1.28        |
| 0308.RBH.060012 | 6 > 4"         | 168.28          | 110.00              | 114.76 | 114.07 | 58.00  | 77.00  | 1.30        |
| 0308.RBH.080009 | 8 > 2"         | 219.08          | 57.00               | 60.63  | 60.17  | 38.50  | 102.00 | 2.30        |
| 0308.RBH.080011 | 8 > 3"         | 219.08          | 85.00               | 89.31  | 88.70  | 48.00  | 102.00 | 2.35        |
| 0308.RBH.080012 | 8 > 4"         | 219.08          | 110.00              | 114.76 | 114.10 | 58.00  | 102.00 | 2.37        |
| 0308.RBH.080014 | 8 > 6"         | 219.08          | 164.00              | 168.83 | 168.00 | 77.00  | 102.00 | 2.30        |
| 0308.RBH.100012 | 10 > 4"        | 273.05          | 110.00              | 114.76 | 114.07 | 58.00  | 127.00 | 4.50        |
| 0308.RBH.100014 | 10 > 6"        | 273.05          | 164.00              | 168.83 | 168.00 | 77.00  | 127.00 | 3.00        |
| 0308.RBH.100016 | 10 > 8"        | 273.05          | 214.00              | 219.84 | 218.70 | 102.00 | 127.00 | 2.50        |
| 0308.RBH.120016 | 12 > 8"        | 323.85          | 214.00              | 219.84 | 218.70 | 102.00 | 152.50 | 5.50        |
| 0308.RBH.120017 | 12 > 10"       | 323.85          | 268.00              | 273.81 | 272.67 | 127.00 | 152.50 | 6.40        |
| 0308.RBH.120018 | 14 > 12"       | 355.60          | 318.00              | 324.61 | 323.47 | 152.50 | 178.00 | 34.00       |
| 0308.RBH.160019 | 16 > 14"       | 406.40          | 350.00              | 357.55 | 355.00 | 178.00 | 202.00 | 44.00       |
| 0308.RBH.180020 | 18 > 16"       | -               | -                   | -      | -      | -      | -      | -           |
| 0308.RBH.200020 | 20 > 16"       | -               | -                   | -      | -      | -      | -      | -           |
| 0308.RBH.200021 | 20 > 18"       | -               | -                   | -      | -      | -      | -      | -           |
| 0308.RBH.240022 | 24 > 20"       | -               | -                   | -      | -      | -      | -      | -           |

**Notes:** Physical dimensions and tolerances meet the requirements of ASTM Standards F-439 for socket type fittings and F-437 for threaded fittings.  
CPVC material meets ASTM Standard D-1784.  
Dimensions are subject to change without notice. Contact your HYDROSEAL representative for certification.