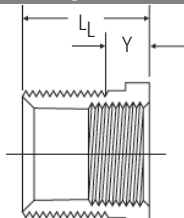


# PVC Schedule 80

# Chemtrol®

Chemtrol  
Fig. No.

## 4518-3-4 Flush Thread Reducer Bushing (MPT x FPT)



| Nominal Size  | Universal Part No. | Ctn. Qty. | Approx. Lbs./Ea. | Design Style | Dim. L1 | Dim. Y* |
|---------------|--------------------|-----------|------------------|--------------|---------|---------|
| 1/2 x 1/4     | 839-072            | 50        | 0.02             | S            | 0.93    | 0.25    |
| 3/4 x 1/4     | 839-098            | 50        | 0.03             | S            | 0.95    | 0.25    |
| 3/4 x 1/2     | 839-101            | 50        | 0.02             | S            | 0.95    | 0.25    |
| 1 x 1/2       | 839-130            | 50        | 0.05             | S            | 1.24    | 0.38    |
| 1 x 3/4       | 839-131            | 50        | 0.03             | S            | 1.24    | 0.38    |
| 1 1/4 x 1/2   | 839-166            | 10        | 0.10             | S            | 1.27    | 0.38    |
| 1 1/4 x 3/4   | 839-167            | 10        | 0.09             | S            | 1.27    | 0.38    |
| 1 1/4 x 1     | 839-168            | 10        | 0.07             | S            | 1.27    | 0.38    |
| 1 1/2 x 1/2   | 839-209            | 10        | 0.15             | S            | 1.28    | 0.38    |
| 1 1/2 x 3/4   | 839-210            | 10        | 0.14             | S            | 1.28    | 0.38    |
| 1 1/2 x 1     | 839-211            | 5         | 0.12             | S            | 1.28    | 0.38    |
| 1 1/2 x 1 1/4 | 839-212            | 10        | 0.08             | S            | 1.28    | 0.38    |
| 2 x 1/2       | 839-247            | 10        | 0.23             | S            | 1.32    | 0.38    |
| 2 x 3/4       | 839-248            | 10        | 0.22             | S            | 1.32    | 0.38    |
| 2 x 1         | 839-249            | 10        | 0.20             | S            | 1.32    | 0.38    |
| 2 x 1 1/4     | 839-250            | 10        | 0.16             | S            | 1.32    | 0.38    |
| 2 x 1 1/2     | 839-251            | 10        | 0.12             | S            | 1.32    | 0.38    |
| 2 1/2 x 2     | 839-292            | 5         | 0.21             | S            | 2.18    | 0.57    |
| 3 x 1 1/2     | 839-337            | 5         | 0.58             | S            | 2.42    | 0.55    |
| 3 x 2         | 839-338            | 5         | 0.56             | S            | 2.42    | 0.57    |
| 3 x 2 1/2     | 839-339            | 5         | 0.45             | S            | 2.42    | 0.87    |
| 4 x 2         | 839-420            | 5         | 1.09             | S            | 2.81    | 0.57    |
| 4 x 3         | 839-422            | 5         | 0.81             | S            | 2.81    | 0.95    |

Other size reductions are produced by solvent cementing appropriate Reducer Bushings together. They may be ordered as factory fabrications or may be assembled in the field.

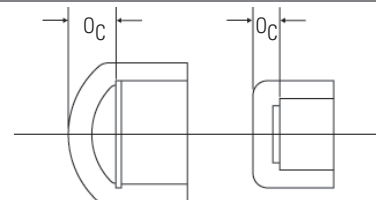
\*Typical male component engagement, hand tight (L1 in ANSI B1.20.1 thread spec.) plus 1 1/2 turns

For additional technical information, or a complete listing of Schedule 80 industrial plastic products, please refer to NIBCO's Chemtrol Fitting Guide, or visit our website at [www.chemtrol.com](http://www.chemtrol.com).

## Caps

Chemtrol  
Fig. No.

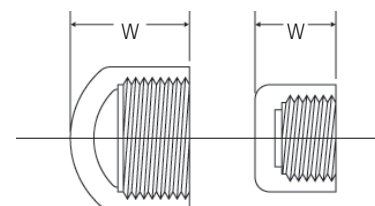
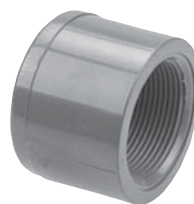
### 4517 Socket Cap\* (S)



| Nominal Size | Universal Part No. | Ctn. Qty. | Approx. Lbs./Ea. | Dim. Oc |
|--------------|--------------------|-----------|------------------|---------|
| 1/4          | 847-002            | 15        | 0.03             | 0.25    |
| 1/2          | 847-005            | 25        | 0.06             | 0.39    |
| 3/4          | 847-007            | 25        | 0.08             | 0.37    |
| 1            | 847-010            | 25        | 0.14             | 0.41    |
| 1 1/4        | 847-012            | 10        | 0.20             | 0.40    |
| 1 1/2        | 847-015            | 10        | 0.26             | 0.41    |
| 2            | 847-020            | 10        | 0.38             | 0.42    |
| 2 1/2        | 847-025            | 5         | 0.57             | 0.57    |
| 3            | 847-030            | 5         | 0.87             | 1.29    |
| 4            | 847-040            | 5         | 1.53             | 1.58    |
| 6            | 847-060            | 5         | 3.77             | 2.13    |

\*Sizes 2" and smaller are flat; 2 1/2" and larger are domed.

### 4517-3 Thread Cap\* (FPT)



| Nominal Size | Universal Part No. | Ctn. Qty. | Approx. Lbs./Ea. | Dim. W |
|--------------|--------------------|-----------|------------------|--------|
| 1/4          | 848-002            | 15        | 0.01             | 0.89   |
| 1/2          | 848-005            | 25        | 0.06             | 1.28   |
| 3/4          | 848-007            | 25        | 0.10             | 1.38   |
| 1            | 848-010            | 25        | 0.15             | 1.55   |
| 1 1/4        | 848-012            | 10        | 0.22             | 1.66   |
| 1 1/2        | 848-015            | 10        | 0.29             | 1.80   |
| 2            | 848-020            | 10        | 0.41             | 1.93   |
| 2 1/2        | 848-025            | 5         | 0.64             | 2.35   |
| 3            | 848-030            | 5         | 0.93             | 3.19   |
| 4            | 848-040            | 5         | 1.73             | 3.86   |

\*Sizes 2" and smaller are flat; 2 1/2" and larger are domed.

Do not use or test the products in this section of the catalog with compressed air or other gases.