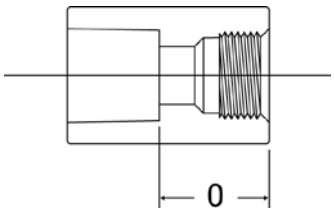
## Adapters

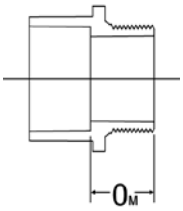
Chemtrol
Fig. No.

### 5103 Female Adapter Coupling (S x FPT)




| Nominal Size | Universal Part No. | Ctn. Qty. | Approx. Lbs./Ea. | Dim. O |
|---|---|---|---|---|
| 1/4 | 1835-002 | 5 | 0.06 | 0.76 |
| 1/2 | 1835-005 | 15 | 0.10 | 1.13 |
| 3/4 | 1835-007 | 10 | 0.15 | 1.26 |
| 1 | 1835-010 | 10 | 0.23 | 1.38 |
| 1 1/4 | 1835-012 | 5 | 0.34 | 1.51 |
| 1 1/2 | 1835-015 | 5 | 0.43 | 1.63 |
| 2 | 1835-020 | 5 | 0.60 | 1.76 |
| 2 1/2 | 1835-025 | 5 | 0.82 | 1.97 |
| 3 | 1835-030 | 5 | 1.27 | 2.08 |
| 4 | 1835-040 | 5 | 1.13 | 2.46 |

### 5104 Male Adapter (S x MPT)

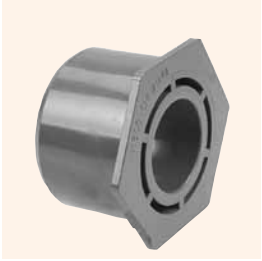



| Nominal Size | Universal Part No. | Ctn. Qty. | Approx. Lbs./Ea. | Dim. OM |
|---|---|---|---|---|
| 1/2 | 1836-005 | 25 | 0.04 | 0.94 |
| 3/4 | 1836-007 | 25 | 0.06 | 0.96 |
| 1 | 1836-010 | 25 | 0.10 | 1.14 |
| 1 1/4 | 1836-012 | 10 | 0.14 | 1.11 |
| 1 1/2 | 1836-015 | 10 | 0.19 | 1.11 |
| 2 | 1836-020 | 10 | 0.27 | 1.19 |
| 2 1/2 | 1836-025 | 5 | 0.56 | 1.88 |
| 3 | 1836-030 | 5 | 0.79 | 1.97 |
| 4 | 1836-040 | 5 | 1.56 | 2.08 |

## Bushings

### Design Styles

The design style of most bushings is to have a solid wall between the inside and outside connections. Some of the multistep reductions with exceedingly thick cross-sections are not solid. This design style achieves structural support with a web of ribs attaching the inner and outer connection walls, with the open area toward the exterior bushing face. The styles are denoted by W and S for webbed and solid designs respectively.

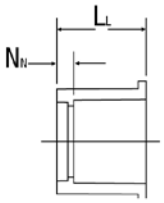


Webbed design

Solid design

Chemtrol
Fig. No.

### 5118 Flush Socket Reducer Bushing (SPG x S)




| Nominal Size | Universal Part No. | Ctn. Qty. | Approx. Lbs./Ea. | Design Style | Dim. LL | Dim. NN |
|---|---|---|---|---|---|---|
| 1/2 x 1/4 | 1837-072 | 25 | 0.04 | S | 1.17 | 0.53 |
| 3/4 x 1/2 | 1837-101 | 25 | 0.06 | S | 1.15 | 0.26 |
| 1 x 1/2 | 1837-130 | 25 | 0.07 | S | 1.28 | 0.39 |
| 1 x 3/4 | 1837-131 | 25 | 0.06 | S | 1.28 | 0.26 |
| 1 1/4 x 1/2 | 1837-166 | 10 | 0.11 | S | 1.41 | 0.52 |
| 1 1/4 x 3/4 | 1837-167 | 10 | 0.09 | S | 1.41 | 0.39 |
| 1 1/4 x 1 | 1837-168 | 10 | 0.07 | S | 1.41 | 0.27 |
| 1 1/2 x 1/2 | 1837-209 | 10 | 0.13 | W | 1.53 | 0.64 |
| 1 1/2 x 3/4 | 1837-210 | 10 | 0.11 | S | 1.53 | 0.51 |
| 1 1/2 x 1 | 1837-211 | 10 | 0.09 | S | 1.53 | 0.39 |
| 1 1/2 x 1 1/4 | 1837-212 | 10 | 0.07 | S | 1.53 | 0.26 |
| 2 x 1/2 | 1837-247 | 10 | 0.27 | W | 1.66 | 0.77 |
| 2 x 3/4 | 1837-248 | 10 | 0.27 | W | 1.66 | 0.64 |
| 2 x 1 | 1837-249 | 10 | 0.27 | W | 1.66 | 0.52 |
| 2 x 1 1/4 | 1837-250 | 5 | 0.23 | S | 1.66 | 0.39 |
| 2 x 1 1/2 | 1837-251 | 10 | 0.21 | S | 1.66 | 0.27 |
| 2 1/2 x 2 | 1837-292 | 5 | 0.26 | S | 1.93 | 0.42 |
| 3 x 1 1/2 | 1837-337 | 5 | 0.75 | W | 2.41 | 1.02 |
| 3 x 2 | 1837-338 | 5 | 0.70 | S | 2.41 | 0.90 |
| 3 x 2 1/2 | 1837-339 | 5 | 0.49 | S | 2.41 | 0.63 |