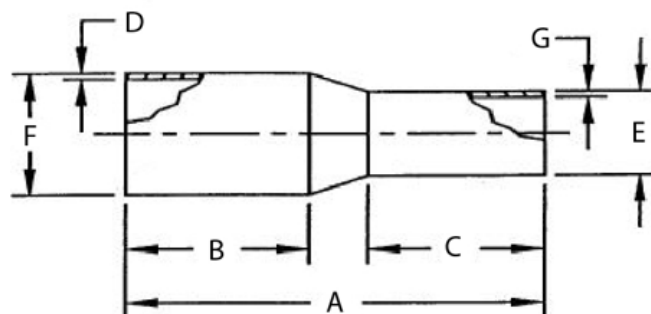




|                                                                                                                                                                                                   |                                           |                                    |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|--------------|
| <b>Product Family:</b>                                                                                                                                                                            | Injection Molded Butt Fusion Fitting      | <b>Fitting Design:</b>             | Reducer      |
| <b>Resin Status:</b>                                                                                                                                                                              | NSF Listed Bi-Modal Virgin Resin          | <b>Nominal Primary Pipe Sizes:</b> | 1" – 12"     |
| <b>Resin Type:</b>                                                                                                                                                                                | ASTM D3350 designated PE3408/PE4710/PE100 | <b>Nominal Pipe Standard:</b>      | IPS and DIPS |
| <b>Resin Cell Class:</b>                                                                                                                                                                          | 4455574-CC3                               | <b>Currently Available SDR's:</b>  | 17, 11, 9    |
| Manufactured and tested to meet requirements of: ASTM D2513, ASTM D3261, ANSI/AWWA C901 & C906, FM 1613, NSF 61<br>For use on pipe and fittings conforming to: ASTM D2513, ASTM D3035, ASTM F-714 |                                           |                                    |              |

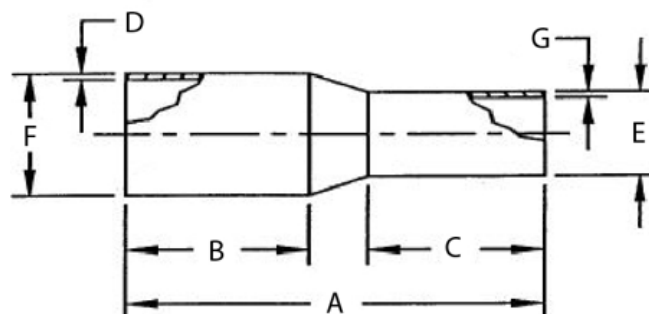
*For Material and Testing information, please refer to our Molded Fitting Specification Sheet.*

## IPS

SDR 17 (standard dimension ratio)

125 PSI (MAOP @ 73.4° F)

| Nominal Size | A<br>[in.] | B<br>[in.] | C<br>[in.] | D (wall)<br>[in.] | E (OD)<br>[in.] | F (OD)<br>[ins.] | G (wall)<br>[ins.] | Weight<br>[lbs.] | Item<br>Code | FM Class |
|--------------|------------|------------|------------|-------------------|-----------------|------------------|--------------------|------------------|--------------|----------|
| 3 x 2 IPS    | 7.87       | 3.94       | 2.95       | 0.206             | 2.375           | 3.500            | 0.140              | 0.45             | 100608       | -----    |
| 4 x 2 IPS    | 9.06       | 4.33       | 2.95       | 0.264             | 2.375           | 4.500            | 0.140              | 0.80             | 100612       | -----    |
| 4 x 3 IPS    | 9.06       | 4.33       | 3.94       | 0.264             | 3.500           | 4.500            | 0.206              | 1.05             | 100616       | -----    |
| 6 x 3 IPS    | 11.03      | 5.06       | 3.71       | 0.390             | 3.500           | 6.625            | 0.206              | 2.05             | 100620       | -----    |
| 6 x 4 IPS    | 11.42      | 5.12       | 4.33       | 0.390             | 4.500           | 6.625            | 0.264              | 2.55             | 100622       | -----    |
| 8 x 4 IPS    | 12.80      | 5.99       | 4.05       | 0.507             | 4.500           | 8.625            | 0.264              | 4.40             | 100626       | -----    |
| 8 x 6 IPS    | 12.80      | 6.10       | 5.12       | 0.507             | 6.625           | 8.625            | 0.390              | 5.05             | 100628       | -----    |
| 10 x 6 IPS   | 14.06      | 6.16       | 5.29       | 0.632             | 6.625           | 10.70            | 0.390              | 7.55             | 100632       | -----    |
| 10 x 8 IPS   | 14.37      | 6.25       | 5.81       | 0.632             | 8.625           | 10.70            | 0.507              | 9.15             | 100634       | -----    |
| 12 x 6 IPS   | 16.00      | 6.95       | 5.22       | 0.750             | 6.625           | 12.70            | 0.390              | 11.75            | 100636       | -----    |
| 12 x 8 IPS   | 16.54      | 7.09       | 6.10       | 0.750             | 8.625           | 12.70            | 0.507              | 13.45            | 100638       | -----    |
| 12 x 10 IPS  | 16.54      | 7.09       | 6.69       | 0.750             | 10.70           | 12.70            | 0.632              | 14.05            | 100640       | -----    |

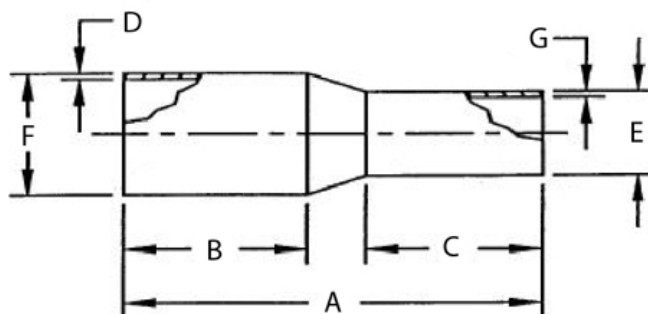


### IPS

SDR 11 (standard dimension ratio)

200 PSI (MAOP @ 73.4° F)

| Nominal Size  | A<br>[in.] | B<br>[in.] | C<br>[in.] | D (wall)<br>[in.] | E (OD)<br>[in.] | F (OD)<br>[ins.] | G (wall)<br>[ins.] | Weight<br>[lbs.] | Item Code | FM Class |
|---------------|------------|------------|------------|-------------------|-----------------|------------------|--------------------|------------------|-----------|----------|
| 1 x ¾ IPS     | 4.58       | 2.17       | 2.17       | 0.120             | 1.050           | 1.315            | 0.095              | 0.05             | 100600    | ----     |
| 1 ¼ x 1 IPS   | 4.66       | 2.20       | 2.15       | 0.151             | 1.315           | 1.660            | 0.120              | 0.10             | 100601    | ----     |
| 1 ½ x 1 IPS   | 5.12       | 2.44       | 2.16       | 0.173             | 1.315           | 1.900            | 0.120              | 0.15             | 100602    | ----     |
| 1 ½ x 1 ¼ IPS | 4.83       | 2.44       | 2.17       | 0.173             | 1.660           | 1.900            | 0.151              | 0.15             | 100603    | ----     |
| 2 x 1 IPS     | 5.62       | 2.53       | 2.13       | 0.216             | 1.315           | 2.375            | 0.120              | 0.20             | 100604    | ----     |
| 2 x 1 ¼ IPS   | 5.34       | 2.53       | 2.15       | 0.216             | 1.660           | 2.375            | 0.151              | 0.20             | 100605    | ----     |
| 2 x 1 ½ IPS   | 5.40       | 2.53       | 2.42       | 0.216             | 1.900           | 2.375            | 0.173              | 0.25             | 100606    | ----     |
| 3 x 2 IPS     | 7.87       | 3.94       | 2.95       | 0.318             | 2.375           | 3.500            | 0.216              | 0.50             | 100607    | FM 200   |
| 4 x 2 IPS     | 9.06       | 4.33       | 2.95       | 0.409             | 2.375           | 4.500            | 0.216              | 1.25             | 100611    | FM 200   |
| 4 x 3 IPS     | 9.06       | 4.33       | 3.94       | 0.409             | 3.500           | 4.500            | 0.318              | 1.15             | 100615    | FM 200   |
| 6 x 3 IPS     | 11.03      | 5.06       | 3.71       | 0.602             | 3.500           | 6.625            | 0.318              | 3.15             | 100619    | FM 200   |
| 6 x 4 IPS     | 11.42      | 5.12       | 4.33       | 0.602             | 4.500           | 6.625            | 0.409              | 3.75             | 100621    | FM 200   |
| 8 x 4 IPS     | 12.80      | 5.99       | 4.05       | 0.784             | 4.500           | 8.625            | 0.409              | 6.70             | 100625    | FM 200   |
| 8 x 6 IPS     | 12.80      | 6.10       | 5.12       | 0.784             | 6.625           | 8.625            | 0.602              | 7.70             | 100627    | FM 200   |
| 10 x 6 IPS    | 14.06      | 6.16       | 5.29       | 0.977             | 6.625           | 10.75            | 0.602              | 11.55            | 100631    | FM 200   |
| 10 x 8 IPS    | 14.37      | 6.95       | 5.88       | 0.977             | 8.625           | 10.75            | 0.784              | 13.40            | 100633    | FM 200   |
| 12 x 6 IPS    | 16.00      | 6.95       | 5.22       | 1.159             | 6.625           | 12.75            | 0.602              | 17.15            | 100635    | FM 200   |
| 12 x 8 IPS    | 16.54      | 7.09       | 6.10       | 1.159             | 8.625           | 12.75            | 0.784              | 19.41            | 100637    | FM 200   |
| 12 x 10 IPS   | 16.54      | 7.09       | 6.69       | 1.159             | 10.75           | 12.75            | 0.977              | 21.30            | 100639    | FM 200   |



### IPS

SDR 9 (standard dimension ratio)

255 PSI (MAOP @ 73.4° F)

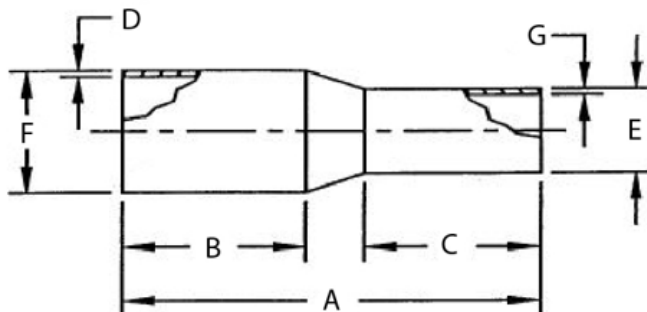
| Nominal Size | A [in.] | B [in.] | C [in.] | D (wall) [in.] | E (OD) [in.] | F (OD) [ins.] | G (wall) [ins.] | Weight [lbs.] | Item Code | FM Class |
|--------------|---------|---------|---------|----------------|--------------|---------------|-----------------|---------------|-----------|----------|
| 3 x 2 IPS    | 7.87    | 3.94    | 2.95    | 0.389          | 2.375        | 3.500         | 0.264           | 0.75          | 100610    | FM 250   |
| 4 x 2 IPS    | 9.06    | 4.33    | 2.95    | 0.500          | 2.375        | 4.500         | 0.264           | 1.40          | 100614    | FM 250   |
| 4 x 3 IPS    | 9.06    | 4.33    | 3.94    | 0.500          | 3.500        | 4.500         | 0.389           | 1.45          | 100618    | FM 250   |
| 6 x 4 IPS    | 11.42   | 5.12    | 4.33    | 0.736          | 4.500        | 6.625         | 0.500           | 3.80          | 100624    | FM 250   |
| 8 x 6 IPS    | 12.80   | 6.10    | 5.12    | 0.958          | 6.625        | 8.625         | 0.736           | 8.80          | 100630    | FM 250   |

### IPS

SDR 7 (standard dimension ratio)

355 PSI (MAOP @ 73.4° F)

| Nominal Size | A [in.] | B [in.] | C [in.] | D (wall) [in.] | E (OD) [in.] | F (OD) [ins.] | G (wall) [ins.] | Weight [lbs.] | Item Code | FM Class |
|--------------|---------|---------|---------|----------------|--------------|---------------|-----------------|---------------|-----------|----------|
| 3 x 2 IPS    | 7.87    | 3.94    | 2.95    | 0.500          | 2.375        | 3.500         | 0.339           | 1.00          | 100609    | FM 335   |
| 4 x 2 IPS    | 9.06    | 4.33    | 2.95    | 0.643          | 2.375        | 4.500         | 0.339           | 1.75          | 100613    | FM 335   |
| 4 x 3 IPS    | 9.06    | 4.33    | 3.94    | 0.643          | 3.500        | 4.500         | 0.500           | 2.10          | 100617    | FM 355   |
| 6 x 4 IPS    | 11.42   | 5.12    | 4.33    | 0.946          | 4.500        | 6.625         | 0.643           | 5.20          | 100623    | FM 335   |
| 8 x 6 IPS    | 12.80   | 6.10    | 5.12    | 1.232          | 6.625        | 8.625         | 0.946           | 10.65         | 100629    | FM 355   |



## DIPS

SDR 11 (standard dimension ratio)

200 PSI (MAOP @ 73.4° F)

| Nominal Size | A [in.] | B [in.] | C [in.] | D (wall) [in.] | E (OD) [in.] | F (OD) [ins.] | G (wall) [ins.] | Weight [lbs.] | Item Code | FM Class |
|--------------|---------|---------|---------|----------------|--------------|---------------|-----------------|---------------|-----------|----------|
| 6 x 4 DIPS   | 11.41   | 5.10    | 4.33    | 0.627          | 4.800        | 6.900         | 0.436           | 4.10          | 100641    | FM 200   |
| 8 x 6 DIPS   | 12.79   | 6.10    | 5.12    | 0.823          | 6.900        | 9.050         | 0.627           | 7.80          | 100642    | FM 200   |
| 10 x 6 DIPS  | 14.00   | 6.16    | 5.29    | 1.010          | 6.900        | 11.10         | 0.627           |               | 100643    | -----    |
| 10 x 8 DIPS  | 14.37   | 6.25    | 5.88    | 1.010          | 9.050        | 11.10         | 0.823           |               | 100647    | -----    |
| 12 x 6 DIPS  | 16.00   | 6.95    | 5.22    | 1.200          | 6.900        | 13.20         | 0.627           |               | 100651    | -----    |
| 12 x 8 DIPS  | 16.54   | 7.09    | 6.10    | 1.200          | 9.050        | 13.20         | 0.823           |               | 100655    | -----    |

## DIPS

SDR 9 (standard dimension ratio)

255 PSI (MAOP @ 73.4° F)

| Nominal Size | A [in.] | B [in.] | C [in.] | D (wall) [in.] | E (OD) [in.] | F (OD) [ins.] | G (wall) [ins.] | Weight [lbs.] | Item Code | FM Class |
|--------------|---------|---------|---------|----------------|--------------|---------------|-----------------|---------------|-----------|----------|
| 10 x 6 DIPS  | 14.06   | 6.16    | 5.29    | 1.01           | 6.90         | 11.1          | 0.627           |               | 100644    | -----    |
| 10 x 8 DIPS  | 14.37   | 6.25    | 5.88    | 1.01           | 9.05         | 11.1          | 0.823           |               | 100648    | -----    |
| 12 x 6 DIPS  | 16.00   | 6.95    | 5.22    | 1.20           | 6.90         | 13.2          | 0.627           |               | 100652    | -----    |
| 12 x 8 DIPS  | 16.54   | 7.09    | 6.10    | 1.20           | 9.05         | 13.2          | 0.823           |               | 100656    | -----    |