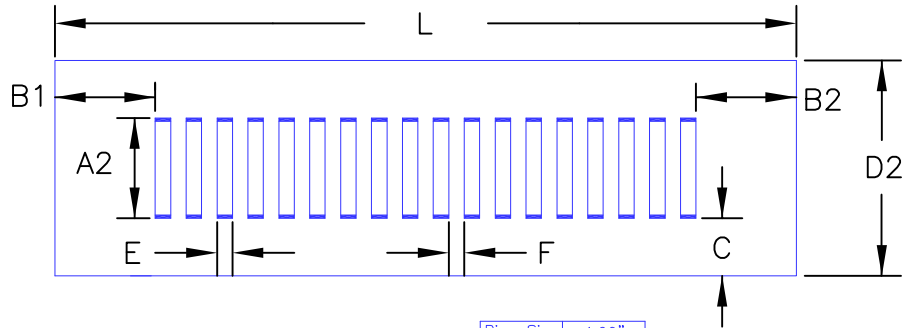
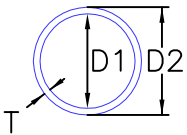


Inline Pipe Grate Component - Schedule 40 PVC  
4" Nominal Pipe Size - Non-Belled

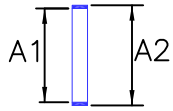
Plan View



Typical Pipe Section

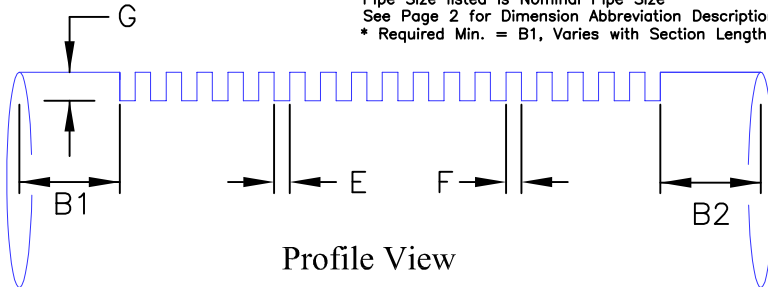


Slit Dimensions



|                    |                      |
|--------------------|----------------------|
| Pipe Size          | 4.00"                |
| D1                 | 4.026"               |
| D2                 | 4.50"                |
| A1                 | 2.179"               |
| A2                 | 3.00"                |
| B1                 | 2.00"                |
| B2                 | *                    |
| C                  | 0.750"               |
| E                  | 0.250"               |
| F                  | 0.312"               |
| G                  | 0.573"               |
| T                  | 0.237"               |
| Open Area Per Slit | 0.54 in <sup>2</sup> |

Pipe Size listed is Nominal Pipe Size  
See Page 2 for Dimension Abbreviation Descriptions.  
\* Required Min. = B1, Varies with Section Length



Profile View

Inline Pipe Grate Component - Schedule 40 PVC  
4" Nominal Pipe Size - Non-Belled

- D1 = Nominal Inside Diameter per ASTM D1785
- D2 = Outside Diameter per ASTM D1785
- A1 = Provided Open Slit Length
- A2 = Total Length of Slit Cut
- B1 = Short End Clear Spacing = Min. required for SCH40 fittings
- B2 = Long End Clear Spacing
- C = Clear Spacing from OD to Edge of Slit Cut
- E = Slit Width
- F = Rib Width
- G = Depth of Slit Cut (Slit Height)
- T = Minimum Thickness per ASTM D1785

| 4" IPGC     |            |                      |
|-------------|------------|----------------------|
| (L)<br>(FT) | #<br>Slits | Open<br>Area<br>(SF) |
| 0.5         | 4          | 0.015                |
| 1.0         | 14         | 0.053                |
| 1.5         | 25         | 0.095                |
| 2.0         | 36         | 0.136                |
| 2.5         | 46         | 0.174                |
| 3.0         | 57         | 0.216                |
| 3.33        | 64         | 0.242                |
| 3.5         | 68         | 0.257                |
| 4.0         | 78         | 0.295                |
| 4.5         | 89         | 0.337                |
| 5.0         | 100        | 0.378                |
| 5.5         | 110        | 0.416                |
| 6.0         | 121        | 0.458                |
| 6.5         | 132        | 0.499                |
| 6.67        | 135        | 0.511                |
| 7.0         | 142        | 0.537                |
| 7.5         | 153        | 0.579                |
| 8.0         | 164        | 0.620                |
| 8.5         | 174        | 0.658                |
| 9.0         | 185        | 0.700                |
| 9.5         | 196        | 0.741                |
| 10.0        | 206        | 0.779                |
| 10.5        | 217        | 0.821                |
| 11.0        | 228        | 0.863                |
| 11.5        | 238        | 0.900                |
| 12.0        | 249        | 0.942                |
| 12.5        | 260        | 0.984                |
| 13.0        | 271        | 1.025                |
| 13.33       | 278        | 1.052                |
| 13.5        | 281        | 1.063                |
| 14.0        | 292        | 1.105                |
| 14.5        | 303        | 1.146                |
| 15.0        | 313        | 1.184                |
| 15.5        | 324        | 1.226                |
| 16.0        | 335        | 1.267                |
| 16.5        | 345        | 1.305                |
| 16.67       | 349        | 1.320                |
| 17.0        | 356        | 1.347                |
| 17.5        | 367        | 1.388                |
| 18.0        | 377        | 1.426                |
| 18.5        | 388        | 1.468                |
| 19.0        | 399        | 1.509                |
| 19.5        | 409        | 1.547                |
| 20.0        | 420        | 1.589                |

\* The open slit areas shown in the table assume a standard fitting is attached on each end of the pipe section. Thus, some of the listed length (L) is considered unavailable for providing open slits.

For an internal one-foot section of 4" IPGC, beginning at the edge of an open slit:

Number of Open Slits = 21  
Slit Open Width = 0.25 inches  
Slit Open Length = 2.179 inches  
Open Area = 11.848 square inches