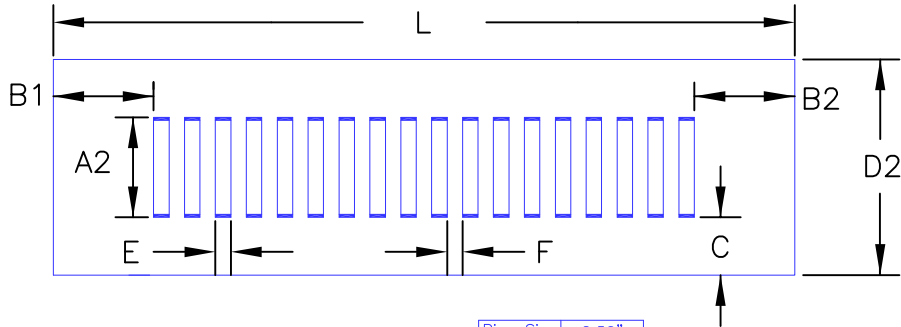
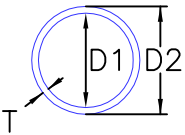


Inline Pipe Grate Component - Schedule 40 PVC
2.5" Nominal Pipe Size - Non-Belled

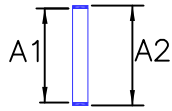
Plan View



Typical Pipe Section

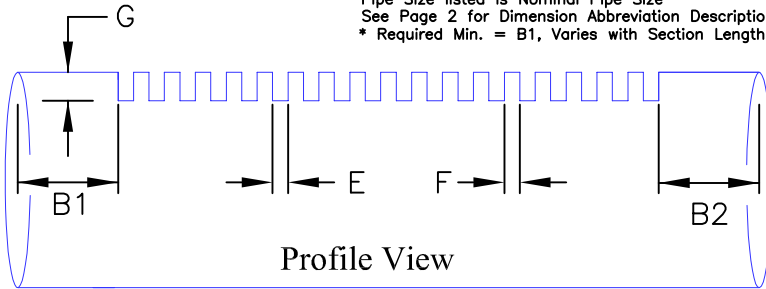


Slit Dimensions



Pipe Size	2.50"
D1	2.469"
D2	2.875"
A1	1.482"
A2	2.089"
B1	1.500"
B2	*
C	0.393"
E	0.250"
F	0.312"
G	0.450"
T	0.203"
Open Area Per Slit	0.37 in ²

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
2.5" 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

2-1/2" IPGC		
(L) (FT)	# Slits	Open Area (SF)
0.5	5	0.013
1.0	16	0.043
1.5	27	0.072
2.0	37	0.099
2.5	48	0.129
3.0	59	0.158
3.33	66	0.177
3.5	69	0.185
4.0	80	0.215
4.5	91	0.244
5.0	101	0.271
5.5	112	0.301
6.0	123	0.330
6.5	134	0.360
6.67	137	0.368
7.0	144	0.387
7.5	155	0.416
8.0	166	0.446
8.5	176	0.472
9.0	187	0.502
9.5	198	0.531
10.0	208	0.558
10.5	219	0.588
11.0	228	0.612
11.5	240	0.644
12.0	251	0.674
12.5	262	0.703
13.0	272	0.730
13.33	279	0.749
13.5	283	0.760
14.0	294	0.789
14.5	304	0.816
15.0	315	0.845
15.5	326	0.875
16.0	336	0.902
16.5	347	0.931
16.67	351	0.942
17.0	358	0.961
17.5	368	0.988
18.0	379	1.017
18.5	390	1.047
19.0	400	1.074
19.5	411	1.103
20.0	422	1.133

* 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 2-1/2" IPGC, beginning at the edge of an open slit:

Number of Open Slits = 21
Slit Open Width = 0.25 inches
Slit Open Length = 1.482 inches
Open Area = 8.058 square inches