





ABOUT

PVC & CPVC PIPING SYSTEMS

DUCT SYSTEMS

GEORG FISCHER

PIPING SYSTEMS

ROD, BAR & MACHINING STOCK

TECHNICAL SUPPORT CENTER

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PVC Pipe

Schedule 40 & 80

Applications

Specifications—Schedule 80

Dimensions

Temperature Derating

Specifications—Schedule 40

Schedule 120

SDR Series 13.5, 21, 26, 41

CPVC Pipe

Clear PVC Pipe

HydroKing CTS Plumbing Pipe

Flow Guard Gold CTS Plumbing Pipe

FlameTech Flame/Smoke Containment Pipe

LXT Ultra-Pure Water Pipe

BlazeMaster Fire Sprinkler Pipe

EnviroKing UV Resistant Clear PVC Pipe

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 $\underline{\mathsf{Home}} \ \mathtt{"} \ \underline{\mathsf{PVC}} \ \& \ \underline{\mathsf{CPVC}} \ \underline{\mathsf{Piping}} \ \underline{\mathsf{Systems}} \ \mathtt{"} \ \underline{\mathsf{PVC}} \ \underline{\mathsf{Pipe}} \ \mathtt{"} \ \underline{\mathsf{Schedule}} \ \mathtt{"} \ \underline{\mathsf{NOS}} \ \mathtt{"} \ \underline{\mathsf{Dimensions}} \ \mathtt{"} \ \underline{\mathsf{NOS}} \ \underline{\mathsf{NOS}} \ \mathtt{"} \ \underline{\mathsf{NOS}} \ \underline{\mathsf{NOS}} \ \mathtt{"} \ \underline{\mathsf{NOS}} \ \underline{\mathsf$

Schedule 40 & 80 PVC Pipe Dimensions

Schedule 40

Nom. Size (in)	O.D.	Average I.D.	Min. Wall	Nom. Wt./Ft.	Max. W.P. PSI**
1/8"	0.405	0.249	0.068	0.051	810
1/4"	0.540	0.344	0.088	0.086	780
3/8"	0.675	0.473	0.091	0.115	620
1/2"	0.840	0.602	0.109	0.170	600
3/4"	1.050	0.804	0.113	0.226	480
1"	1.315	1.029	0.133	0.333	450
1-1/4"	1.660	1.360	0.140	0.450	370
1-1/2"	1.900	1.590	0.145	0.537	330
2"	2.375	2.047	0.154	0.720	280
2-1/2"	2.875	2.445	0.203	1.136	300
3"	3.500	3.042	0.216	1.488	260
3-1/2"	4.000	3.521	0.226	1.789	240
4"	4.500	3.998	0.237	2.118	220
5"	5.563	5.016	0.258	2.874	190
6"	6.625	6.031	0.280	3.733	180
8"	8.625	7.942	0.322	5.619	160
10"	10.750	9.976	0.365	7.966	140
12"	12.750	11.889	0.406	10.534	130
14"	14.000	13.073	0.437	12.462	130
16"	16.000	14.940	0.500	16.286	130
18"	18.000	16.809	0.562	20.587	130
20"	20.000	18.743	0.593	24.183	120
24"	24.000	22.544	0.687	33.652	120

Schedule 80

Nom. Size (in)	O.D.	Average I.D.	Min. Wall	Nom. Wt./Ft.	Max. W.P. PSI**
1/8"	.405	.195	0.095	0.063	1230
1/4"	.540	.282	0.119	0.105	1130

3/8" .675 .403 0.126 0.146 920 1/2" .840 .526 0.147 0.213 850 3/4" 1.050 .722 0.154 0.289 690 1" 1.315 .936 0.179 0.424 630 1-1/4" 1.660 1.255 0.191 0.586 520 1-1/2" 1.900 1.476 0.200 0.711 470 2" 2.375 1.913 0.218 0.984 400 2-1/2" 2.875 2.290 0.276 1.500 420 3" 3.500 2.864 0.300 2.010 370 3-1/2" 4.000 3.326 0.318 2.452 350 4" 4.500 3.786 0.337 2.938 320 5" 5.563 4.768 0.375 4.078 290 6" 6.625 5.709 0.432 5.610 280	1
3/4" 1.050 .722 0.154 0.289 690 1" 1.315 .936 0.179 0.424 630 1-1/4" 1.660 1.255 0.191 0.586 520 1-1/2" 1.900 1.476 0.200 0.711 470 2" 2.375 1.913 0.218 0.984 400 2-1/2" 2.875 2.290 0.276 1.500 420 3" 3.500 2.864 0.300 2.010 370 3-1/2" 4.000 3.326 0.318 2.452 350 4" 4.500 3.786 0.337 2.938 320 5" 5.563 4.768 0.375 4.078 290	3/8"
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1-1/4" 1.660 1.255 0.191 0.586 520 1-1/2" 1.900 1.476 0.200 0.711 470 2" 2.375 1.913 0.218 0.984 400 2-1/2" 2.875 2.290 0.276 1.500 420 3" 3.500 2.864 0.300 2.010 370 3-1/2" 4.000 3.326 0.318 2.452 350 4" 4.500 3.786 0.337 2.938 320 5" 5.563 4.768 0.375 4.078 290	3/4"
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2" 2.375 1.913 0.218 0.984 400 2-1/2" 2.875 2.290 0.276 1.500 420 3" 3.500 2.864 0.300 2.010 370 3-1/2" 4.000 3.326 0.318 2.452 350 4" 4.500 3.786 0.337 2.938 320 5" 5.563 4.768 0.375 4.078 290	1-1/4"
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4" 4.500 3.786 0.337 2.938 320 5" 5.563 4.768 0.375 4.078 290	3"
5" 5.563 4.768 0.375 4.078 290	3-1/2"
	4"
6" 6.625 5.709 0.432 5.610 280	5"
	6"
8" 8.625 7.565 0.500 8.522 250	8"
10" 10.750 9.493 0.593 12.635 230	10"
12" 12.750 11.294 0.687 17.384 230	12"
14" 14.000 12.410 0.750 20.852 220	14"
16" 16.000 14.213 0.843 26.810 220	16"
18" 18.000 16.014 0.937 33.544 220	18"
20" 20.000 17.814 1.031 41.047 220	20"
24" 24.000 21.418 1.218 58.233 210	24"

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