

# GREAT WESTERN PIPE AND SUPPLY CO.

3860 FOREST STREET • DENVER, COLORADO 80207

## PIPE

### STEEL PIPE

A-53 Type F Continuous Weld  
A-53 Electric Weld  
A-106 Seamless

### COPPER TUBING

Types K, L, M, ACR, Oxygen Cleaned  
Soft Refrigeration Coils

### PLASTIC PIPE

PVC, CPVC & HDPE

### STAINLESS STEEL PIPE AND TUBING

Types 304 and 316

## PIPE FITTINGS

Standard & Extra Heavy Malleable  
Cast Iron  
Forged Steel  
Carbon Steel Weld Fittings & Flanges  
Brass & Copper  
Victaulic  
Standard & Extra Heavy Nipples  
Stainless Steel Fittings & Nipples  
PVC, CPVC & HDPE Fittings  
King & Swage Nipples  
Dielectric Unions & Flange Kits  
Thread-o-lets & Weld-o-lets

## PIPE SPECIALTIES

Steam Traps  
Romac Repair Clamps & Couplings  
Jomar Add-A-Valve  
Jet Swet Valve Replacement Plug  
Haws Emergency Equipment  
Pipe Hangers & Strut  
Gauges & Thermometers  
Flex Connectors & Expansion Joints  
Pipe Joint Compounds & Cutting Oil  
Solders & Flux  
Flange Gaskets, Bolts & Nuts, B7 Studs  
Pipe Line Strainers  
Pipe Insulation

## SPECIAL SERVICES

Cutting, Threading & Grooving  
Fast & Efficient Delivery Service  
Knowledgeable & Helpful Sales Staff

## VALVES

### APOLLO BALL VALVES / CONBRACO

Bronze, Carbon, Stainless Steel Valves  
Cast Iron Flanged Valves  
UL/FM, AGA Gas Valves  
Butterfly Valves  
Safety & Relief Valves  
Sight Glass Valves  
Backflow Preventers

### STOCKHAM / APOLLO

Bronze, Iron, Gate, Globe & Check Valves

### DSI, BONNEY FORGE, AND WALWORTH

Forged Steel Valves  
Cast Steel Valves

### CENTER LINE AND KEYSTONE

Butterfly & Wafer Check Valves

### FLOWSEAL AND SURE SEAL

High Performance Butterfly Valves

### TECHNO, CRANE & TITAN

Wafer Check Valves

### HOMESTEAD

Lubricated Plug Valves

### CASH ACME AND CASH VALUE

Pressure Regulators & Relief Valves  
Cryogenic Regulators & Valves

### WATTS

Pressure Regulators & Relief Valves  
Backflow Preventers

### GRUVLOK

Ball Valves

### KUNKLE

Safety & Relief Valves

### HAYS

Electric Solenoid Valves

### SPEARS

PVC Ball, Butterfly Valves & Check Valves

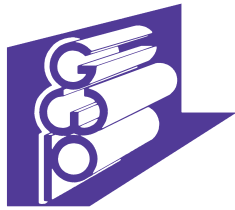
### SPENCE

Control Valves

### ACTUATED VALVES

Electric & Pneumatic

**PHONE 303-320-4440 • FAX 303-320-4588**  
**sales@greatwesternpipe.com**



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NOM. PIPE SIZE	ALL DIM'S ARE INCHES EXCEPT FLOW AREA WHICH IS SQ. IN.	5S	10S	10	LW	20	30	STD	40S	40	60	80S	80	100	120	140	160	XS	XX
<b>1/2</b> 1.05 O.D.	WALL THK.		.083					.109	.109	.109		.147	.147				.187	.147	.294
	INSIDE DIA.		.674					.622	.622	.622		.546	.546				.466	.546	.252
	FLOW AREA		.357					.304	.304	.304		.234	.234				.171	.234	.050
<b>3/4</b> 1.05 O.D.	WALL THK.	.065	.083					.113	.113	.113		.154	.154				.218	.154	.308
	INSIDE DIA.	.920	.884					.824	.824	.824		.742	.742				.614	.742	.434
	FLOW AREA	.664	.614					.533	.533	.533		.432	.432				.296	.432	.148
<b>1</b> 1.315 O.D.	WALL THK.	.065	.109					.133	.133	.133		.179	.179				.250	.179	.358
	INSIDE DIA.	1.185	1.097					1.049	1.049	1.049		.957	.957				.815	.957	.599
	FLOW AREA	1.103	.945					.864	.864	.864		.719	.719				.522	.719	.282
<b>1 1/4</b> 1.660 O.D.	WALL THK.	.065	.109					.140	.140	.140		1.910	1.910				.250	1.910	.382
	INSIDE DIA.	1.530	1.442					1.380	1.380	1.380		1.278	1.278				1.160	1.278	.896
	FLOW AREA	1.839	1.633					1.496	1.496	1.496		1.283	1.283				1.057	1.283	.630
<b>1 1/2</b> 1.900 O.D.	WALL THK.	.065	.109					.145	.145	.145		.200	.200				.281	.200	.400
	INSIDE DIA.	1.770	1.682					1.610	1.610	1.610		1.500	1.500				1.337	1.500	1.100
	FLOW AREA	2.461	2.222					2.036	2.036	2.036		1.767	1.767				1.404	1.767	.950
<b>2</b> 2.375 O.D.	WALL THK.	.065	.109					.154	.154	.154		.218	.218				.343	.218	.436
	INSIDE DIA.	2.245	2.157					2.067	2.067	2.067		1.939	1.939				1.689	1.939	1.503
	FLOW AREA	3.958	3.654					3.356	3.356	3.356		2.953	2.953				2.240	2.953	1.774
<b>2 1/2</b> 2.875 O.D.	WALL THK.	.083	.120					.203	.203	.203		.276	.276				.375	.276	.552
	INSIDE DIA.	2.709	2.635					2.469	2.469	2.469		2.323	2.323				2.125	2.323	1.771
	FLOW AREA	5.760	5.450					4.790	4.790	4.790		4.240	4.240				3.550	4.240	2.460
<b>3</b> 3.500 O.D.	WALL THK.	.083	.120					.216	.216	.216		.300	.300				.438	.300	.600
	INSIDE DIA.	3.334	3.260					3.068	3.068	3.068		2.900	2.900				2.624	2.900	2.300
	FLOW AREA	8.730	8.350					7.390	7.390	7.390		6.600	6.600				5.410	6.600	4.150
<b>3 1/2</b> 4.000 O.D.	WALL THK.	.083	.120					.226	.226	.226		.318	.318					.318	
	INSIDE DIA.	3.834	3.760					3.548	3.548	3.548		3.364	3.364					3.364	
	FLOW AREA	11.55	11.10					9.89	9.89	9.89		8.89	8.89					8.89	
<b>4</b> 4.500 O.D.	WALL THK.	.083	.120		.188			.237	.237	.237		.337	.337		.438		.531	.337	.674
	INSIDE DIA.	4.334	4.260		4.124			4.026	4.026	4.026		3.826	3.826		3.624		3.438	3.826	3.152
	FLOW AREA	14.75	14.25		13.36			12.73	12.73	12.73		11.50	11.50		10.31		9.28	11.50	7.80
<b>5</b> 5.563 O.D.	WALL THK.	.109	.134					.258	.258	.258		.375	.375		.500		.625	.375	.750
	INSIDE DIA.	5.345	5.295					5.047	5.047	5.047		4.813	4.813		4.563		4.313	4.813	4.063
	FLOW AREA	22.43	22.02					20.01	20.01	20.01		18.19	18.19		16.35		14.61	18.19	12.97
<b>6</b> 6.625 O.D.	WALL THK.	.109	.134		.219			.280	.280	.280		.432	.432		.562		.718	.432	.864
	INSIDE DIA.	6.407	6.357		6.187			6.065	6.065	6.065		5.761	5.761		5.501		5.189	5.761	4.897
	FLOW AREA	32.20	31.70		30.10			28.90	28.90	28.90		26.10	26.10		23.80		21.10	26.10	18.80
<b>8</b> 8.625 O.D.	WALL THK.	.109	.148		.219	.250	.277	.322	.322	.322	.406	.500	.500	.593	.718	.812	.906	.500	.875
	INSIDE DIA.	8.407	8.329		8.187	8.125	8.071	7.981	7.981	7.981	7.813	7.625	7.625	7.439	7.189	7.001	6.813	7.625	6.875
	FLOW AREA	55.50	54.50		52.60	51.80	51.20	50.00	50.00	50.00	47.90	45.70	45.70	43.50	40.60	38.50	36.50	45.70	37.10
<b>10</b> 10.75 O.D.	WALL THK.	.134	.165		.219	.250	.307	.365	.365	.365	.500	.500	.593	.718	.843	1.000	1.125	.500	
	INSIDE DIA.	10.482	10.420		10.310	10.250	10.136	10.020	10.020	10.020	9.750	9.750	9.564	9.314	9.064	8.750	8.500	9.750	
	FLOW AREA	86.30	85.30		83.50	82.50	80.70	78.90	78.90	78.90	74.70	74.70	71.80	68.10	64.50	60.10	56.70	74.70	
<b>12</b> 12.75 O.D.	WALL THK.	.156	.180		.250	.250	.330	.375	.375	.406	.562	.500	.687	.843	1.000	1.125	1.312	.500	
	INSIDE DIA.	12.438	12.390		12.250	12.250	12.090	12.000	12.000	11.938	11.626	11.750	11.376	11.064	10.750	10.500	10.126	11.750	
	FLOW AREA	121.50	120.60		117.90	117.90	114.80	113.10	113.10	111.90	106.20	108.40	101.60	96.10	90.80	86.60	80.50	108.40	
<b>14</b> 14.0 O.D.	WALL THK.	.156	.188	.250	.250	.312	.375	.375		.438	.593		.750	.937	1.093	1.250	1.406	.500	
	INSIDE DIA.	13.688	13.624	13.500	13.500	13.375	13.250	13.250		13.125	12.814		12.500	12.125	11.814	11.500	11.188	13.000	
	FLOW AREA	147.20	145.80	143.10	143.10	140.50	137.90	137.90		135.30	129.00		122.70	115.50	109.60	103.90	98.30	132.70	
<b>16</b> 16.0 O.D.	WALL THK.	.169	.188	.250	.250	.312	.375	.375		.500	.656		.843	1.031	1.218	1.438	1.593	.500	
	INSIDE DIA.	15.670	15.624	15.500	15.500	15.375	15.250	15.250		15.000	14.688		14.314	13.938	13.564	13.124	12.814	15.000	
	FLOW AREA	192.90	191.70	188.70	188.70	185.70	182.70	182.70		176.70	169.40		160.90	152.60	144.50	135.30	129.00	176.70	
<b>18</b> 18.0 O.D.	WALL THK.	.165	.188	.250	.250	.312	.438	.375		.562	.750		.937	1.156	1.375	1.562	1.781	.500	
	INSIDE DIA.	17.670	17.624	17.500	17.500	17.375	17.124	17.250		16.876	16.500		16.126	15.688	15.250	14.876	14.438	17.000	
	FLOW AREA	245.20	243.90	240.50	240.50	237.10	230.30	233.70		223.70	213.80		204.20	193.30	182.70	173.80	163.70	227.00	
<b>20</b> 20.0 O.D.	WALL THK.	.188	.218	.250	.250	.375	.500	.375		.593	.812		1.031	1.281	1.500	1.750	1.968	.500	
	INSIDE DIA.	19.624	19.564	19.500	19.500	19.250	19.000	19.250		18.814	18.376		17.938	17.438	17.000	16.500	16.064	19.000	
	FLOW AREA	302.50	300.60	298.60	298.60	291.00	283.50	291.00		278.00	265.20		252.70	238.80	227.00	213.80	202.70	283.50	
<b>22</b> 22.0 O.D.	WALL THK.			.250	.250			.375										.500	
	INSIDE DIA.			21.500	21.500			21.250										21.000	
	FLOW AREA			363.00	363.00			355.00										346.00	
<b>24</b> 24.0 O.D.	WALL THK.	.218	.250	.250	.250	.375	.562	.375		.687	.968		1.218	1.531	1.812	2.062	2.343	.500	
	INSIDE DIA.	23.564	23.500	23.500	23.500	23.250	22.876	23.250		22.626	22.064		21.564	20.938	20.376	19.876	19.314	23.000	
	FLOW AREA	436.00	434.00	434.00	434.00	425.00	411.00	425.00		402.00	382.00		365.00	344.00	326.00	310.00	293.00	415.00	

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