



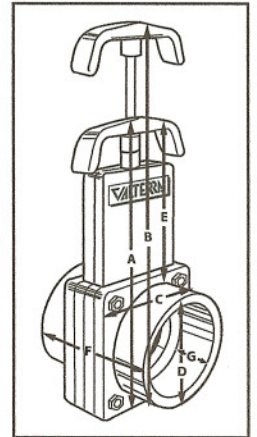
GATE VALVE TECHNICAL DATA

MATERIAL & SPECIFICATIONS

	1½"	2"	3"	4"	6"/8"	10"/12"
Color	White/Black	White/Black	White/Black	White	White	White
Hubs	PVC/ABS	PVC/ABS	PVC/ABS	PVC	PVC	PVC
Body	PVC/ABS	PVC/ABS	PVC/ABS	PVC	ABS	ABS
Shaft	304SS	304SS	304SS	304SS	304SS	304SS
Paddle	Polypro	Polypro	Polypro	304SS	304SS	304SS
Handle	Plastic	Plastic	Plastic	Die Cast Aluminum	304SS	304SS
Seals	Sarlink	Sarlink	Sarlink	Sarlink	Sarlink	Sarlink
PSI	45	40	30	20	10	10

DIMENSIONS

SIZE (in.)	A	B	C	D	E	F	G
1.5 ABS	6.5	8.625	2.875	2.375	3.9375	2.875	0.7
1.5 PVC	6.5	8.625	2.875	2.375	3.9375	3.375	1.25
2 ABS	7.5	10.25	3.25	2.6875	4.5	3.125	0.75
2 PVC	7.5	10.25	3.25	2.75	4.5	3.5	1.6
3 ABS	9.25	13	4.375	3.9375	5.1875	4.5	1.6
3 PVC	9.25	13	4.375	3.9375	5.1875	4.5	1.8
4 PVC	13.25	18	6.625	5	7.4375	5.1875	1.7
6 PVC	22.375	31.125	11	7.25	13.25	11.125	4.375
8 PVC	22.375	31.125	11	9.3125	12.1875	13.75	5.67
10 PVC	35	48.5	18	10.78	16.99	13.75	5
12 PVC	35	48.5	18	12.78	18	15.375	6



"B" Dimension is height of valve in fully open position.

CEMENT

FITTING	PIPE	CEMENT
ABS	PVC	Use IPS #793 or equivalent
ABS	ABS	Use IPS #771 or equivalent
PVC	ABS	Use IPS #793 or equivalent
PVC	PVC	Use IPS #705 or equivalent

STATIC HEAD PRESSURE

Feet Head	PSI
1	0.43
3	1.03
6	2.6
9	3.9
12	5.2
15	6.51
20	8.66
30	12.99
40	17.32
50	21.65

- ▶ Feet Head to PSI, multiply by 0.434
- ▶ PSI to Feet Head, multiply by 2.3

WORKING TEMPERATURE

Material	Suggested Maximum Working Temperature
ABS	205° F
PVC	167° F
PC	280 ° F