

PRODUCT DESCRIPTION

AQUALOC® PVC Series pipes are engineered for the reliable handling of water and various process fluids in demanding industrial environments. Designed for large-scale facilities, they offer long-term durability, exceptional corrosion resistance, and minimal maintenance requirements.

FUNCTION

AQUALOC® PVC Series pipes are purpose-built for dependable water transportation in industrial settings. They deliver steady flow, resist wear from environmental exposure, and provide lasting performance for large-scale water distribution needs.

RAW MATERIALS

Made from unplasticized PVC, these pipes offer strength, safety for potable water, and long-term durability.

FEATURES

- Corrosion and chemical resistance.
- Smooth inner wall reduces friction loss.
- Lightweight and easy to install.

COMPLIANCE STANDARDS

CERTIFIED TO:

- **CSA B137.3**
- **BNQ 3624-250**
- **BNQ 3660-950 (safety)**

CONFORMS TO:

- **AWWA C900**



IRON PIPE SIZE (IPS) DIMENSIONS

Pressure Rating	Nominal Size		Avg. ID		Min. Wall		Avg. OD	
PSI / kPa	inches	mm	inches	mm	inches	mm	inches	mm
SDR 21 (200 PSI) (1380 kPa)	1-1/2	38	1.709	43.41	0.090	2.28	1.900	48.26
	2	50	2.137	54.28	0.113	2.86	2.380	60.45
	2-1/2	63	2.584	65.63	0.137	3.48	2.870	72.90
	3	75	3.146	79.91	0.167	4.24	3.500	88.90
	4	100	4.046	102.77	0.214	5.44	4.500	114.30
	6	150	5.957	151.31	0.316	8.02	6.630	168.40
	8	200	7.756	197.00	0.409	10.40	8.620	218.95
	10	250	9.665	245.49	0.512	13.00	10.750	273.05
	12	300	11.467	291.26	0.606	15.40	12.750	323.85
SDR 26 (160 PSI) (1100 kPa)	1-1/2	38	1.731	43.97	0.080	2.02	1.900	48.26
	2	50	2.184	55.47	0.091	2.30	2.380	60.45
	2-1/2	63	2.642	67.11	0.109	2.78	2.870	72.90
	3	75	3.215	81.66	0.135	3.42	3.500	88.90
	4	100	4.134	105.00	0.172	4.38	4.500	114.30
	6	150	6.085	154.56	0.255	6.48	6.630	168.40
	8	200	7.921	201.19	0.331	8.42	8.620	218.95
	10	250	9.874	250.80	0.413	10.50	10.750	273.05
	12	300	11.717	297.61	0.488	12.40	12.750	323.85
SDR 32.5 (125 PSI) (860 kPa)	3	75	3.270	83.06	0.108	2.74	3.500	88.90
	4	100	4.208	106.88	0.138	3.50	4.500	114.30
	6	150	6.194	157.33	0.204	5.18	6.630	168.40
	8	200	8.063	204.80	0.265	6.72	8.620	218.95
	10	250	10.049	255.24	0.331	8.40	10.750	273.05
	12	300	11.921	302.79	0.392	9.96	12.750	323.85
SDR 41 (100 PSI) (690 kPa)	3	75	3.310	84.07	0.085	2.16	3.500	88.90
	4	100	4.278	108.66	0.109	2.78	4.500	114.30
	6	150	6.282	159.56	0.162	4.12	6.630	168.40
	8	200	8.180	207.77	0.209	5.32	8.620	218.95
	10	250	10.194	258.93	0.262	6.66	10.750	273.05
	12	300	12.093	307.16	0.311	7.90	12.750	323.85

Note: The values listed in the tables are approximate and may change without notice

SDR 21 (200 PSI) BUNDLE SIZES & WEIGHTS

Nominal Size		Product code	Length (ft)	Connection Type	Bundle Type A		Bundle Type B		Bundle Type C		Bundle Type D	
inches	mm		(ft)	G=Gasket PE=Plain end S=Solvent	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)
1-1/2	38	113301-112	20	S	110 / 2200	670	-	-	-	-	-	-
1-1/2	38	113301-122	20	G	110 / 2200	670	-	-	-	-	-	-
1-1/2	38	113301-138	3	PE	110 / 330	100	-	-	-	-	-	-
1-1/2	38	113301-132	20	PE	110 / 2200	670	-	-	-	-	-	-
2	50	113311-122	20	G	90 / 1800	687	-	-	-	-	-	-
2	50	113311-138	3	PE	90 / 270	103	-	-	-	-	-	-
2	50	113311-112	20	S	140 / 2800	1069	-	-	-	-	-	-
2-1/2	63	113321-112	20	S	78 / 1560	721	-	-	-	-	-	-
2-1/2	63	113321-122	20	G	70 / 1400	647	-	-	-	-	-	-
3	75	113331-112	20	S	78 / 1560	880	-	-	-	-	-	-
3	75	113331-113	20	G	78 / 1560	880	-	-	-	-	-	-
4	100	113341-112	20	S	60 / 1200	871	-	-	-	-	-	-
4	100	113341-122	20	G	60 / 1200	871	-	-	-	-	-	-
6	150	113351-122	20	G	28 / 560	598	35 / 700	748	-	-	-	-
6	150	113351-112	20	S	28 / 560	598	35 / 700	748	-	-	-	-
8	200	113361-122	20	G	15 / 300	417	18 / 360	501	-	-	-	-
10	250	113371-122	20	G	8 / 160	278	10 / 200	347	-	-	-	-
12	300	113381-122	20	G	6 / 120	247	8 / 160	329	-	-	-	-

SDR 26 (160 PSI) BUNDLE SIZES & WEIGHTS

Nominal Size		Product code	Length (ft)	Connection Type	Bundle Type A		Bundle Type B		Bundle Type C		Bundle Type D	
inches	mm		(ft)	G=Gasket PE=Plain end S=Solvent	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)
1-1/2	38	113401-112	20	S	110 / 2200	674	-	-	-	-	-	-
1-1/2	38	113401-122	20	G	110 / 2200	674	-	-	-	-	-	-
1-1/2	38	113402-112	20	S (F480)	110 / 2200	674	-	-	-	-	-	-
2-1/2	63	113422-112	20	S (F480)	70 / 1400	654	-	-	-	-	-	-
2-1/2	63	113421-112	20	S	70 / 1400	654	-	-	-	-	-	-
2-1/2	63	113421-132	20	PE	70 / 1400	654	-	-	-	-	-	-
2	50	113411-112	20	S	90 / 1800	694	176 / 3520	1357	-	-	-	-
2	50	113411-122	20	G	90 / 1800	694	-	-	-	-	-	-
2	50	113412-112	20	S (F480)	140 / 2800	1080	-	-	-	-	-	-
2	50	113411-272	20	G (Nitrile)	90 / 1800	694	-	-	-	-	-	-
3	75	113431-122	20	G	78 / 1560	889	-	-	-	-	-	-
3	75	113431-112	20	S	78 / 1560	889	-	-	-	-	-	-
3	75	113431-132	20	PE	78 / 1560	889	-	-	-	-	-	-
3	75	113432-112	20	S (F480)	78 / 1560	889	-	-	-	-	-	-
4	100	113441-122	20	G	60 / 1200	880	-	-	-	-	-	-
4	100	113442-112	20	S (F480)	60 / 1200	880	-	-	-	-	-	-
4	100	113441-112	20	S	60 / 1200	880	-	-	-	-	-	-
4	100	113441-132	20	PE	40 / 800	587	-	-	-	-	-	-
4	100	113441-138	10	PE	40 / 800	293	-	-	-	-	-	-
6	150	113451-132	20	PE	28 / 560	605	35 / 700	756	-	-	-	-
6	150	113451-122	20	G	28 / 560	605	35 / 700	756	-	-	-	-
8	200	113461-132	20	PE	15 / 300	422	18 / 360	506	20 / 400	562	24 / 480	1004
8	200	113461-122	20	G	15 / 300	422	18 / 360	506	-	-	-	-
10	250	113471-132	20	PE	8 / 160	281	10 / 200	351	-	-	-	-
10	250	113471-122	20	G	8 / 160	281	10 / 200	351	-	-	-	-
12	300	113481-122	20	G	6 / 120	250	8 / 160	333	9 / 180	374	12 / 240	743
12	300	113481-132	20	PE	6 / 120	250	8 / 160	333	9 / 180	374	12 / 240	743

Note: The values listed in the tables are approximate and may change without notice

SDR 32.5 (125 PSI) BUNDLE SIZES & WEIGHTS

Nominal Size		Product code	Length (ft)	Connection Type	Bundle Type A		Bundle Type B		Bundle Type C		Bundle Type D	
inches	mm		(ft)	G=Gasket PE=Plain end S=Solvent	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)
3	75	113501-122	20	S	78 / 1560	896	-	-	-	-	-	-
4	100	113511-122	20	G	60 / 1200	888	-	-	-	-	-	-
6	150	113521-122	20	G	28 / 560	610	35 / 700	763	-	-	-	-
8	200	113531-122	20	G	15 / 300	426	18 / 360	511	20 / 400	568	24 / 480	1014
10	250	113541-122	20	G	8 / 160	283	10 / 200	354	-	-	-	-
12	300	113551-122	20	G	6 / 120	252	8 / 160	336	9 / 180	378	12 / 240	750

SDR 41 (100 PSI) BUNDLE SIZES & WEIGHTS

Nominal Size		Product code	Length (ft)	Connection Type	Bundle Type A		Bundle Type B		Bundle Type C		Bundle Type D	
inches	mm		(ft)	G=Gasket PE=Plain end S=Solvent	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)	Pcs. / Length in ft	Weight (lbs)
4	100	113611-122	20	G	60 / 1200	893	-	-	-	-	-	-
6	150	113621-122	20	G	28 / 560	615	35 / 700	769	-	-	-	-
8	200	113631-122	20	G	15 / 300	429	18 / 360	515	20 / 400	572	24 / 480	1021
10	250	113641-122	20	G	8 / 160	285	10 / 200	356	-	-	-	-
12	300	113651-122	20	G	6 / 120	254	8 / 160	338	9 / 180	381	12 / 240	755

Note: The values listed in the tables are approximate and may change without notice