



## PVC – U COLUMN PIPE

Finolex PVC-U column pipes are suitable for water extraction from the bore wells. These pipes are uniquely designed and manufactured using lead free compound on highly advanced, state-of-the-art CNC machines. Finolex column pipes have been designed to withstand system load comprising the weight of the pump, water and pipes with an adequate factor of safety. Finolex offers column pipes in coupler end and bell end variants in standard lengths of 1.5 & 3 meters. These pipes are available in sizes between 25 and 100 mm (1" to 4") diameter with a full range of pressure ratings in V4, Crystal, Medium, Standard, Heavy and Super Heavy types as per requirement based on installation depth from 100 to 400 meters. A high torque resistant locking system and a specially designed rubber "O" ring ensure trouble-free operation.

# DIMENSIONS

## DIMENSIONS OF PVC - U COLUMN PIPES - COUPLER TYPE

Nominal Bore Size (mm)		Type	Wall Thickness in mm				Safe allowable Hydrostatic Pressure	Safe Delivery Head	Material Code	Std. Pipe Length
			End		Barrel					
mm	inch		Min	Max.	Min	Max.	kg/cm2	meter		meter
25	1"	V4 (Coupler)-12.5 KG	4.1	4.5	1.7	2.0	12.5	125	3501	3
25	1"	V4 (Coupler)-15.0 KG	4.7	5.0	2.0	2.3	15.0	150	3503	3
25	1"	Crystal (Coupler)	5.0	5.3	2.5	2.8	21.0	210	3507	3
25	1"	Standard (Coupler)	5.7	6.3	4.0	4.4	30.0	300	3520	3
32	1.1/4"	V4 (Coupler)-12.5 KG	4.4	4.8	2.3	2.6	12.5	125	3502	3
32	1.1/4"	V4 (Coupler)-15.0 KG	4.6	4.9	2.4	2.7	15.0	150	3504	3
32	1.1/4"	Crystal (Coupler)	4.8	5.1	2.8	3.1	21.0	210	3508	3
32	1.1/4"	Standard (Coupler)	6.3	6.7	4.1	4.4	25.0	250	3521	3
32	1.1/4"	Heavy (Coupler)	6.8	7.2	5.2	5.8	35.0	350	3531	3
32	1.1/4"	Super Heavy (Coupler)	7.8	8.3	5.3	5.7	40.0	400	3541	3

40	1.1/2"	V4 (Coupler)- 15.0 KG	4.5	4.8	2.7	3.0	15.0	150	3506	1.5
40	1.1/2"	V4 (Coupler)- 15.0 KG	4.5	4.8	2.7	3.0	15.0	150	3505	3
40	1.1/2"	Crystal (Coupler)	5.3	5.6	3.5	3.8	21.0	210	3510	1.5
40	1.1/2"	Crystal (Coupler)	5.3	5.6	3.5	3.8	21.0	210	3509	3
40	1.1/2"	Standard (Coupler)	6.6	6.9	4.1	4.4	26.0	260	3523	1.5
40	1.1/2"	Standard (Coupler)	6.6	6.9	4.1	4.4	26.0	260	3522	3
40	1.1/2"	Heavy (Coupler)	8.4	8.8	5.9	6.2	35.0	350	3533	1.5
40	1.1/2"	Heavy (Coupler)	8.4	8.8	5.9	6.2	35.0	350	3532	3
40	1.1/2"	Super Heavy (Coupler)	8.5	9.0	6.0	6.5	40.0	400	3542	3
50	2"	Crystal (Coupler)	5.6	6.1	3.4	3.9	17.0	170	3511	3
50	2"	Crystal (Coupler)	5.6	6.1	3.4	3.9	17.0	170	3512	1.5
50	2"	Medium (Coupler)	5.1	5.4	2.6	2.9	13.0	130	3514	1.5
50	2"	Medium (Coupler)	5.1	5.4	2.6	2.9	13.0	130	3513	3
50	2"	Standard (Coupler)	6.4	6.8	3.9	4.3	20.0	200	3525	1.5
50	2"	Standard (Coupler)	6.4	6.8	3.9	4.3	20.0	200	3524	3
50	2"	Heavy (Coupler)	7.9	8.4	5.3	5.7	27.0	270	3535	1.5
50	2"	Heavy (Coupler)	7.9	8.4	5.3	5.7	27.0	270	3534	3

50	2"	Super Heavy (Coupler)	9.0	9.5	6.5	7.0	35.0	350	3543	3
65	2.1/2"	Medium (Coupler)	5.1	5.4	2.6	2.9	10.0	100	3516	1.5
65	2.1/2"	Medium (Coupler)	5.1	5.4	2.6	2.9	10.0	100	3515	3
65	2.1/2"	Standard (Coupler)	6.5	6.9	4.0	4.4	16.0	160	3527	1.5
65	2.1/2"	Standard (Coupler)	6.5	6.9	4.0	4.4	16.0	160	3526	3
65	2.1/2"	Heavy (Coupler)	9.1	9.6	6.3	6.8	26.0	260	3537	1.5
65	2.1/2"	Heavy (Coupler)	9.1	9.6	6.3	6.8	26.0	260	3536	3
65	2.1/2"	Super Heavy (Coupler)	10.8	11.4	8.3	8.8	35.0	350	3544	3
80	3"	Medium (Coupler)	5.7	6.1	3.2	3.5	11.0	110	3518	1.5
80	3"	Medium (Coupler)	5.7	6.1	3.2	3.5	11.0	110	3517	3
80	3"	Standard (Coupler)	7.5	7.9	5.0	5.5	17.0	170	3529	1.5
80	3"	Standard (Coupler)	7.5	7.9	5.0	5.5	17.0	170	3528	3
80	3"	Heavy (Coupler)	9.8	10.3	7.3	7.8	26.0	260	3539	1.5
80	3"	Heavy (Coupler)	9.8	10.3	7.3	7.8	26.0	260	3538	3
100	4"	Medium (Coupler)	6.3	6.8	3.8	4.3	10.0	100	3519	3
100	4"	Standard (Coupler)	8.2	8.5	5.7	6.2	15.0	150	3530	3
100	4"	Heavy (Coupler)	11.9	12.3	9.4	10.0	26.0	260	3540	3

DIMENSIONS OF PVC - U COLUMN PIPES - BELL END TYPE

Nominal Bore Size (mm)		Type	Wall Thickness in mm				Safe allowable Hydrostatic Pressure	Safe Delivery Head	Material Code	Std. Pipe Length
			End		Barrel					
mm	inch		Min	Max.	Min	Max.	kg/cm2	meter		meter
25	1"	V4 (Bell) - 12.5 KG	3.7	4.0	1.7	2.0	12.5	125	3545	3
25	1"	V4 (Bell) - 15.0 KG	3.7	4.0	2.0	2.3	15.0	150	3547	3
25	1"	Crystal (BELL)	4.0	4.4	2.5	2.8	21.0	210	3550	3
25	1"	Standard (BELL)	5.1	5.5	4.0	4.4	30.0	300	3553	3
32	1.1/4"	V4 (Bell) - 12.5 KG	4.1	4.5	2.3	2.6	12.5	125	3546	3
32	1.1/4"	V4 (Bell) - 15.0 KG	4.1	4.5	2.5	2.8	15.0	150	3548	3
32	1.1/4"	Crystal (BELL)	4.7	5.1	3.0	3.3	21.0	210	3551	3
32	1.1/4"	Standard (BELL)	5.3	5.7	4.2	4.6	25.0	250	3554	3
40	1.1/2"	V4 (Bell) - 15.0 KG	4.5	4.8	2.8	3.1	15.0	150	3549	3
40	1.1/2"	Crystal (BELL)	5.0	5.4	3.5	3.8	21.0	210	3552	3
40	1.1/2"	Standard (BELL)	5.5	5.9	4.3	4.6	26.0	260	3555	3

Batch number logic:

Year	Month	Day	M/C No.	Shift
xxxx	xx	xx	xxx	x

For example, the batch number of pipes produced on Mc. no. 20 on 1st June 2021 in the 1st shift will be 202106010201

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