

Fineflow PLASTIC INDUSTRIES

Manufacturers & Exporters

Casing & Screen Pipes

Features and Specifications :

- Manufactured from special PVC compound having extra toughness.
- Anti corrosive. PVC being an inert material most of the chemicals found in soil and water do not affect the casing and screen.
- Continuous ribs increase permeability by keeping gravel pack away from slot opening.
- Chemical rehabilitation possible when chocking occurs due to encrustation.
- Horizontal slots enable laminar flow into the well reducing well entrance losses.
- Higher permeability reduces draw down and results in saving in pumping energy.
- Slot width right from 0.2mm to 3.00mm can be provided.
- Light in weight.
- The socket and spigot with suitable thread make them easy to install and requires no welding equipments and generator.



Zenith Shallow Well Plain Casing Pipes conforming as per IS:12818

Minimum Wall Thickness in mm							
Nominal Dia.		Outside Dia. mm		Wall Thickness mm		Max. Outside Dia. Over Socket mm	Collapse Resistance kg / cm ²
Inch	mm	Min.	Max.	Min.	Max.		
6"	150	165.0	165.4	5.7	6.5	174	4
7"	175	200.0	200.5	7.0	7.8	211	4
8"	200	225.0	225.5	7.6	8.8	238	4
10"	250	280.0	280.5	9.6	11.0	292	4
12"	300	330.0	330.6	11.2	13.3	346	4
14"	350	400.0	400.7	14.0	15.5	420	4
16"	400	450.0	450.8	16.0	17.5	470	4

Zenith Deep Well Plain Casing Pipe Conforming as per DIN 4925

ZDW							
Nominal Dia.		Outside Dia. mm		Wall Thickness mm		Max. Outside Dia. Over Socket mm	Collapse Resistance kg / cm ²
Inch	mm	Min.	Max.	Min.	Max.		
4"	100	113.0	113.3	7.0	7.9	125	15.5
4.5"	115	125.0	125.3	7.5	8.5	137	15.5
5"	125	140.0	140.4	8.0	9.0	152	15.5
6"	150	165.0	164.5	9.5	10.7	180	15.5
7"	175	200.0	200.5	11.5	13.3	215	7.5
8"	200	225.0	225.5	13.0	14.8	247	15.5
10"	250	280.0	280.5	16.0	17.6	304	15.5
12"	300	330.0	330.6	19.0	21.0	359	15.5
14"	350	400.0	400.7	21.5	23.9	433	15.5

Zenith Medium Well Plain Casing Pipe Conforming as per DIN 4925

ZMW-PC							
Nominal Dia.		Outside Dia. mm		Wall Thickness mm		Max. Outside Dia. Over Socket mm	Collapse Resistance kg / cm ²
Inch	mm	Min.	Max.	Min.	Max.		
1.25"	35	42.0	42.2	3.5	4.1	46	32.0
1.5"	40	48.0	48.2	3.5	4.1	53	32.0
2"	50	60.0	60.2	4.0	4.6	66	24.0
3"	80	88.0	88.3	4.0	4.6	94	7.5
4"	100	113.0	113.3	5.0	5.7	121	7.5
4.5"	115	125.0	125.3	5.0	5.7	132	7.5
5"	125	140.0	140.4	6.5	7.4	149	7.5
6"	150	165.0	165.4	7.5	8.5	176	7.5
7"	175	200.0	200.5	8.8	9.8	215	7.5
8"	200	225.0	225.5	10.0	11.2	241	7.0
10"	250	280.0	280.5	12.5	14.0	297	7.0
12"	300	330.0	330.6	14.5	16.2	350	7.0
14"	350	400.0	400.7	17.5	19.5	425	7.0
16"	400	450.0	450.8	19.5	21.7	475	7.0

Zenith - Deep Well Screens

ZDW-RS						
Nominal Dia.		Outside Dia. mm		Wall Thickness mm		Max. Outside Dia. Over Socket mm
Inch	mm	Min.	Max.	Min.	Max.	
6"	150	42.0	42.2	3.5	4.1	46
8"	200	48.0	48.2	3.5	4.1	53
10"	250	60.0	60.2	4.0	4.6	66
12"	300	88.0	88.3	4.0	4.6	94
12"	300	113.0	113.3	5.0	5.7	121
ZDW-PS						
4"	100	113.0	113.3	7.0	7.9	125
4.5"	115	125.0	125.3	7.5	8.5	137
5"	125	140.0	140.4	8.0	9.0	152
6"	150	165.0	165.4	9.5	10.5	183
8"	200	225.0	225.5	13.0	14.8	247
10"	250	280.0	280.5	16.0	17.6	304
12"	300	330.0	330.6	19.0	21.0	359
14"	350	400.0	400.7	21.5	23.9	433

Zenith Medium well Ribbed Screen (RS) and Plain Screen (PS) Pipes Conforming as per IS:12818 and DIN 4925 Part 1 to 3

ZMW - RS						
Nominal Dia.		Outside Dia. mm		Wall Thickness mm		Max. Outside Dia. Over Socket mm
Inch	mm	Min.	Max.	Min.	Max.	
1.5"	40	52.0	52.2	3.5	4.0	56
2"	50	64.0	64.2	4.0	4.6	69
3"	80	92.0	92.3	4.0	4.6	98
4"	100	117.0	117.3	5.0	5.7	124
5"	125	144.0	144.4	6.5	7.3	154
6"	150	169.0	169.4	7.5	8.5	182
7"	175	204.0	204.5	8.8	9.8	219
8"	200	229.0	229.5	10.0	11.2	247
10"	250	284.0	284.5	12.5	14.0	302
12"	300	334.0	334.6	14.5	16.2	356
14"	350	404.0	404.7	17.5	19.5	432
ZMW - PS						
4"	100	113.0	113.3	5.0	5.7	121
5"	125	140.0	140.4	6.5	7.3	152
6"	150	165.0	165.4	7.5	8.5	179
7"	175	200.0	200.5	8.8	9.8	217
8"	200	225.0	225.5	10.0	11.2	244
10"	250	280.0	280.5	12.5	14.0	298
12"	300	330.0	330.6	14.5	16.2	352
14"	350	400.0	400.7	17.5	19.5	428
16"	400	450.0	450.8	19.5	21.7	479
20" **	450	540.0	541.6	20.0	22.2	570

- Conforming to IS:12818 only.
- Suitable for Shallow Well only

Slot Width Available on Zenith PVC Screen Pipes conforming to DIN 4925

Slot Width	Min. mm	0.2	0.3	0.5	0.75	1.0	1.5	2.0	3.0
Tolerance		+.06	+.08	+0.1	+0.2	+0.2	+0.2	+0.2	+0.3
Slot Width	* Inch no.	8	12	20	30	40	60	80	120

- Slot numbers designate width of openings in thousand part of an inch. no. 40 is an opening of 40/100".

Note : Tolerance for 0.3 mm slot is +0.06 mm conforming to IS:12818. Other values are same.

Note : Casing & Screens also available conforming to IS:12818.Normally supplied effective lengths of 3m. Other lengths available on demand.