

DPL STAR

*The strength you can trust*



**THERE IS  
A PIECE OF US  
WHEREVER  
YOU SEE**



# You Desire We Build

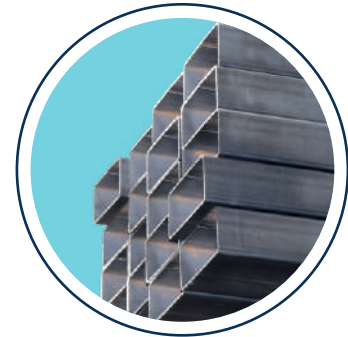
You Desire We Build

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## OUR PRODUCTS

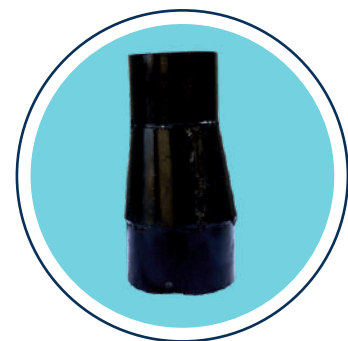
### Pipes

- IS 4923 – Structural Tubes for Infrastructural Purpose
- IS 1239 – Water & Gas Application
- IS 4270 – Water Well & Casing Pipes
- IS 2713 – Swaged Type Steel Tubular Poles



### Tube Well Fittings

- MS Ring
- MS Reducer
- MS Clamp
- MS Well Cap
- MS Centre Guide
- MS Bail Plug-Hook
- MS Tube Well Assembly Support



### Pump Fittings

- |             |                                |
|-------------|--------------------------------|
| MS Nipple   | Rubber Gasket                  |
| MS Enlarger | HDG Fasteners                  |
| MS Reducer  | GI Interlocking Strip          |
| MS Ringa    | DI Elbow                       |
| MS Dum Dum  | DI Equal Tee                   |
| MS Clamp    | MS Spool Pipe – Double Flanged |



### Zincalume Tank



A large stack of square metal pipes, likely galvanized steel, is shown in a warehouse or industrial setting. The pipes are arranged in a grid pattern, with several layers visible. The background shows a corrugated metal ceiling and some structural elements of the building. The lighting is bright, highlighting the metallic texture of the pipes.

**PIPES FOR  
EVERY TYPE**

## IS 4923 – Structural Tubes for Infrastructural Purpose

SHS DxD	DEPTH D	WIDTH D	THICKNESS	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA	RADIUS OF GYRATION	ELASTIC OF MODULUS	PLASTIC MODULUS
MM	MM	MM	MM	KG/M	Cm2	Cm4	Cm	Cm3	Cm3
1	2	3	4	5	6	7	8	9	10
20.0 X 20.0	20.0	20.0	2.0	1.15	1.33	0.58	0.68	0.61	0.61
	20.0	20.0	2.6	1.46	2.17	0.63	0.66	0.66	0.66
25.0 X 25.0	25.0	25.0	2.6	1.69	2.16	1.72	0.89	1.38	1.76
	25.0	25.0	3.2	1.98	2.53	1.89	0.86	1.51	1.98
32.0 X 32.0	32.0	32.0	2.6	2.26	2.88	4.02	1.18	2.51	3.11
	32.0	32.0	3.2	2.69	3.42	4.54	1.15	2.84	3.59
	32.0	32.0	4.0	3.19	4.07	5.02	1.11	3.14	4.11
40.0 X 40.0	40.0	40.0	2.6	2.92	3.72	8.45	1.51	4.22	5.12
	40.0	40.0	3.2	3.49	4.45	9.72	1.48	4.86	6.01
	40.0	40.0	3.6	3.85	4.91	10.45	1.46	5.22	6.53
	40.0	40.0	4.0	4.20	5.35	11.07	1.44	5.54	7.01
49.5 X 49.5	50	50	2.9	4.07	5.19	18.37	1.88	7.42	8.93
	50	50	3.6	4.93	6.28	21.42	1.85	8.66	10.60
	50	50	4.5	5.95	7.58	24.64	1.80	9.96	12.47
60.0 X 60.0	60.0	60.0	2.6	4.55	5.8	31.33	2.33	10.44	13.35
	60.0	60.0	3.6	6.11	7.79	40.37	2.28	13.46	16.22
	60.0	60.0	4.5	7.43	9.47	47.20	2.23	15.73	19.32
72.0 X 72.0	72.0	72.0	3.2	6.71	8.54	66.32	2.79	18.42	21.80
	72.0	72.0	4.0	8.22	10.47	79.03	2.75	21.95	26.32
	72.0	72.0	4.8	9.66	12.31	90.31	2.71	25.09	30.49
80.0 X 80.0	80.0	80.0	3.2	7.51	9.57	92.71	3.11	27.29	27.92
	80.0	80.0	4.0	9.22	11.75	111.05	3.07	27.76	33.07
	80.0	80.0	4.8	11.03	13.85	127.58	3.04	31.90	38.45
91.5 X 91.5	91.5	91.5	3.6	9.67	12.32	156.49	3.56	34.21	40.24
	91.5	91.5	4.5	11.88	15.14	187.57	3.52	41.00	48.79
	91.5	91.5	5.4	14.01	17.85	215.68	3.48	47.14	56.77
100.0 X 100.0	100.0	100.0	4.0	11.73	14.95	226.35	3.89	45.27	53.30
	100.0	100.0	5.0	14.41	18.36	271.10	3.84	54.22	64.59
	100.0	100.0	6.0	16.98	21.63	311.47	3.79	62.69	75.10
113.5 X 113.5	113.5	113.5	4.5	14.99	19.10	372.88	4.42	65.71	77.33
	113.5	113.5	4.8	15.92	20.28	393.31	4.40	69.30	81.81
	113.5	113.5	5.4	17.74	22.60	432.58	4.38	76.23	90.55
	113.5	113.5	6.0	19.53	24.87	469.81	4.35	82.79	98.96
132.0 X 132.0	132.0	132.0	4.8	18.71	23.83	634.39	5.16	96.12	112.69
	132.0	132.0	5.4	20.88	26.59	700.11	5.13	106.08	125.02
	132.0	132.0	6.0	23.01	29.31	762.98	5.10	115.60	136.98
150.0 X 150.0	150.0	150.0	5.0	22.26	28.36	982.12	5.89	130.95	152.98
	150.0	150.0	6.0	26.40	33.63	1145.91	5.84	152.79	179.88
180.0 X 180.0	180.0	180.0	4.0	21.90	29.90	1434.00	7.17	15.00	184.00
	180.0	180.0	5.0	27.20	34.60	1755.00	7.12	195.00	226.00
	180.0	180.0	6.0	32.05	40.83	2036.00	7.06	226.00	280.00
	180.0	180.0	8.0	42.50	54.10	2633.00	6.98	293.00	346.00

Apart from above mentioned sizes, we also manufacture customized and need based requirement.

## IS 1239 – Water & Gas Application

N.B. & SERIES		OUTSIDE DIAMETER		WALL THICKNESS		NOMINAL WEIGHT BLACK TUBES				NOMINAL WEIGHT GALVANIZED TUBES				SOCKETS	
						PLAIN END		SCREWED & SOCKETED		PLAIN END		SCREWED & SOCKETED		Min. O.D.	MIN. LENGTH
MM		Min. MM	Max. MM	Min. MM	SWG	KG/M	M/TONE	KG/M	M/TONE	KG/M	M/TONE	KG/M	M/TONE	MM	MM
15	L	21.0	21.4	2.00	14	0.947	1056	0.956	1043	0.990	1010	1.002	998	27.0	37.0
	M	21.0	21.8	2.60	12	1.21	830	1.22	822	1.25	801	1.260	794		
	H	21.0	21.8	3.20	10	1.44	696	1.45	691	1.48	677	1.489	671		
20	L	26.4	26.9	2.30	13	1.38	726	1.39	718	1.43	698	1.448	690	32.5	39.0
	M	26.5	27.3	2.60	12	1.56	642	1.57	636	1.61	620	1.628	614		
	H	26.5	27.3	3.20	10	1.87	535	1.88	530	1.92	520	1.939	516		
25	L	33.2	33.8	2.60	12	1.98	505	2.00	489	2.05	488	2.077	482	39.5	46.0
	M	33.3	34.2	3.20	10	2.41	415	2.43	411	2.48	404	2.501	400		
	H	33.3	34.2	4.00	8	2.93	341	2.95	338	3.00	334	3.022	331		
32	L	41.9	42.5	2.60	12	2.54	394	2.57	338	2.63	380	2.669	375	49.0	51.0
	M	42.0	42.9	3.20	10	3.10	323	3.13	319	3.19	314	3.227	310		
	H	42.0	42.9	4.00	8	3.79	264	3.82	261	3.88	258	3.920	255		
40	L	47.8	48.4	2.90	11	3.23	309	3.27	305	3.33	300	3.383	296	56.0	51.0
	M	47.9	48.8	3.20	10	3.56	281	3.60	277	3.66	273	3.709	270		
	H	47.9	48.8	4.00	8	4.37	229	4.41	226	4.47	224	4.518	221		
50	L	59.6	60.2	2.90	11	4.08	245	4.15	241	4.21	238	4.277	264	68.0	60.0
	M	59.7	60.8	3.60	9	5.03	199	5.10	196	5.16	197	5.237	191		
	H	59.7	60.8	4.50	7	6.19	161	6.23	160	6.32	158	6.390	156		
65	L	75.2	76.0	3.20	10	5.71	175	5.88	172	5.83	170	5.992	167	84.0	69.0
	M	75.3	76.6	3.60	9	6.42	156	6.59	153	6.54	152	6.702	149		
	H	75.3	76.6	4.50	7	7.93	126	8.09	124	8.05	124	8.206	122		
80	L	87.9	88.7	3.20	10	6.72	149	6.91	145	6.89	145	7.081	141	98.0	75.0
	M	88.0	89.5	3.60	8	8.36	120	8.55	117	8.53	117	8.725	115		
	H	88.0	89.5	4.50	6	9.9	101	10.13	99	10.10	99	10.300	97		
100	L	113.0	113.9	3.60	9	9.75	103	10.10	100	10.00	100	10.248	98	124.0	87.0
	M	113.1	113.9	4.50	7	12.2	82	12.40	80	12.50	81	12.657	79		
	H	113.1	115.0	5.40	5	14.5	69	14.71	68	14.80	68	14.966	67		
125	M	138.5	140.8	4.80	6	15.90	63	16.23	31	16.40	61	16.654	60	151.0	96.0
	H	138.5	140.8	5.40	5	17.9	56	18.18	55	18.40	55	18.568	54		
150	M	163.9	166.5	4.80	6	18.90	53	19.35	51	19.50	62	19.841	50	178.0	96.0
	H	163.9	166.5	5.40	5	21.3	47	21.64	46	21.90	46	22.133	54		

### TOLERANCES

#### (A) THICKNESS

Light Tubes + Not Limited  
- 8%

Medium & Heavy Tubes + Not Limited  
- 10%

#### (B) WEIGHT

Single Tube (Light Series) ± 10%

Single Tubes (Medium & Heavy Series) + Not Limited  
- 10%

For Quantities Per Load of 10 Tonnes Minimum (Light Series) + 7.5%  
- 5%

For quantities per load of 10 Tonnes ± 7.5%  
Minimum Medium & Heavy Series

#### (C) Length

Unless Otherwise Specified 4 to 7 Meters

## IS 4270 – Water Well and Casing Pipes

N.B. Size MM	Outside Diameter MM	Wall Thickness MM	Weight (Plain END) MM
100	114.3	5.0	13.48
125	141.3	5.0	16.80
150	168.3	5.0	20.13
175	193.7	5.4	25.10
200	219.1	5.4	28.46
225	244.5	6.0	35.29
250	273.1	7.1	46.57
300	323.9	7.1	55.47
350	355.6	8.0	68.57
350	355.6	10.0	85.22
350	355.6	12.0	101.67
400	406.4	8.0	78.60
400	406.4	10.0	97.75
400	406.4	12.0	116.71

### A - PHYSICAL PROPERTIES

Grade	Y.S. MPa Min	T.S. MPa Min	% Age Elongation Min
FE 410	235	410	15
FE 450	275	450	13

### B - TOLERANCES

1. Outside Diameter of Pipe ± 1.0%
2. Thickness Upto 406.4mm OD + 15% & - 12.5%
3. Weight Single Tube + 10% & - 8%
4. Length Unless Otherwise Specified 4 to 7 Mtrs.



## IS 2713 – Swaged Type Steel Tubular Poles (Part I)

Desig - nation	OVERALL LENGTH	OVERALL LENGTH	LENGTH OF SECTIONS			OUTSIDE DIAMETER AND THICKNESS OF SECTIONS			APPROX. WEIGHT OF POLE	BREAKING LOAD	LOAD FOR PERMANENT SET NOT EXCEEDING 13MM	LOAD FOR TEMPORARY DEFLECTION OF 157.5 MM
			Bottom	Middle	Top	Bottom	Middle	Top				
	L	L	h3	h2	h1							
1	2	3	4	5	6	7	8	9	10	11	12	13
MM	(M)	(M)	(M)	(M)	(M)	(MM)	(MM)	(MM)	(KG)	N (KGF)	N (KGF)	N (KGF)
410 SP - 1	7	1.25	4	1.5	1.5	114.3X3.65	88.9X3.25	76.1X3.25	62	2570 (262)	1245 (127)	785 (80)
410 SP - 2	7	1.25	4	1.5	1.5	114.5X4.50	88.9X4.05	76.1X3.25	73	3100 (316)	1510 (154)	941 (96)
410 SP - 3	7	1.25	4	1.5	1.5	114.5X5.40	88.9X4.85	76.1X3.25	85	3630 (370)	1760 (180)	1090 (111)
410 SP - 4	7.5	1.25	4.5	1.5	1.5	114.3X3.65	88.9X3.25	76.1X3.25	67	2350 (240)	1150 (117)	627 (64)
410 SP - 5	7.5	1.25	4.5	1.5	1.5	114.5X4.50	88.9X4.05	76.1X3.25	79	2760 (281)	1340 (137)	745 (76)
410 SP - 6	7.5	1.25	4.5	1.5	1.5	114.5X5.40	88.9X4.85	76.1X3.25	93	3320 (339)	1620 (165)	873 (89)
410 SP - 7	7.5	1.25	4.5	1.5	1.5	139.7X4.50	114.3X3.65	88.9X3.25	97	4330 (442)	2110 (215)	1400 (143)
410 SP - 8	7.5	1.25	4.5	1.5	1.5	139.7X4.85	114.3X3.65	88.9X3.25	103	4630 (472)	2250 (229)	1480 (151)
410 SP - 9	7.5	1.25	4.5	1.5	1.5	139.7X5.40	114.3X3.65	88.9X3.25	110	5100 (520)	2480 (253)	1600 (163)
410 SP - 10	8	1.5	4.5	1.75	1.75	114.3X3.65	88.9X3.25	76.1X3.25	70	2260 (230)	1100 (112)	520 (53)
410 SP - 11	8	1.5	4.5	1.75	1.75	114.5X4.50	88.9X4.05	76.1X3.25	83	2730 (278)	1320 (135)	618 (63)
410 SP - 12	8	1.5	4.5	1.75	1.75	114.5X5.40	88.9X4.85	76.1X3.25	97	3190 (325)	1550 (158)	725 (74)
410 SP - 13	8	1.5	4.5	1.75	1.75	139.7X4.50	114.3X3.65	88.9X3.25	101	4160 (424)	2020 (206)	1180 (120)
410 SP - 14	8	1.5	4.5	1.75	1.75	139.7X4.85	114.3X4.50	88.9X3.25	111	4440 (453)	2160 (220)	1280 (131)
410 SP - 15	8	1.5	4.5	1.75	1.75	139.7X5.40	114.3X4.50	88.9X3.25	119	4890 (499)	2380 (243)	1380 (140)
410 SP - 16	8.5	1.5	5	1.75	1.75	114.3X3.65	88.9X3.25	76.1X3.25	75	2090 (213)	1020 (104)	432 (44)
410 SP - 17	8.5	1.5	5	1.75	1.75	114.5X4.50	88.9X4.05	76.1X3.25	89	2520 (257)	1230 (125)	510 (52)
410 SP - 18	8.5	1.5	5	1.75	1.75	114.5X5.40	88.9X4.85	76.1X3.25	104	2950 (301)	1430 (146)	598 (61)
410 SP - 19	8.5	1.5	5	1.75	1.75	139.7X4.50	114.3X3.65	88.9X3.25	109	3844 (392)	1800 (191)	961 (98)
410 SP - 20	8.5	1.5	5	1.75	1.75	139.7X4.85	114.3X3.65	88.9X3.25	115	4110 (419)	2000 (204)	1010 (103)
410 SP - 21	8.5	1.5	5	1.75	1.75	139.7X5.40	114.3X4.50	88.9X3.25	129	4530 (462)	2210 (225)	1130 (115)
410 SP - 22	8.5	1.5	5	1.75	1.75	165.1X4.50	139.7X4.50	114.3X3.65	141	5450 (556)	2650 (270)	1730 (176)
410 SP - 23	8.5	1.5	5	1.75	1.75	165.1X4.85	139.7X4.50	114.3X3.65	148	5840 (596)	2840 (290)	1820 (186)
410 SP - 24	8.5	1.5	5	1.75	1.75	165.1X5.40	139.7X4.50	114.3X3.65	158	6450 (658)	3140 (320)	1970 (201)
410 SP - 25	9	1.5	5	2	2	114.3X3.65	88.9X3.25	76.1X3.25	78	1940 (198)	941 (96)	333 (34)
410 SP - 26	9	1.5	5	2	2	114.5X4.50	88.9X4.05	76.1X3.25	92	2340 (239)	1140 (116)	402 (41)
410 SP - 27	9	1.5	5	2	2	114.5X5.40	88.9X4.85	76.1X3.25	108	2750 (280)	1330 (136)	461 (47)
410 SP - 28	9	1.5	5	2	2	139.7X4.50	114.3X3.65	88.9X3.25	113	3580 (365)	1740 (177)	745 (76)
410 SP - 29	9	1.5	5	2	2	139.7X4.85	114.3X4.50	88.9X3.25	125	3820 (390)	1860 (190)	814 (83)
410 SP - 30	9	1.5	5	2	2	139.7X5.40	114.3X4.50	88.9X3.25	133	4220 (430)	2050 (209)	882 (90)
410 SP - 31	9	1.5	5	2	2	165.1X4.50	139.7X4.50	114.3X3.65	147	5070 (517)	2460 (251)	1360 (139)
410 SP - 32	9	1.5	5	2	2	165.1X4.85	139.7X4.50	114.3X3.65	154	5430 (554)	2640 (269)	1430 (146)
410 SP - 33	9	1.5	5	2	2	165.1X5.40	139.7X4.50	114.3X3.65	164	6000 (612)	2910 (297)	1540 (157)
410 SP - 34	9.5	1.8	5	2.25	2.25	139.7X4.50	114.3X4.50	88.9X3.25	122	3630 (370)	1760 (180)	745 (76)
410 SP - 35	9.5	1.8	5	2.25	2.25	139.7X4.85	114.3X4.50	88.9X3.25	129	3880 (396)	1880 (192)	784 (80)
410 SP - 36	9.5	1.8	5	2.25	2.25	139.7X5.40	114.3X4.50	88.9X3.25	137	4280 (436)	2080 (212)	833 (85)
410 SP - 37	9.5	1.8	5	2.25	2.25	165.1X4.50	139.7X4.50	114.3X3.65	153	5150 (525)	2500 (255)	1300 (133)
410 SP - 38	9.5	1.8	5	2.25	2.25	165.1X4.85	139.7X4.50	114.3X3.65	160	5510 (562)	2680 (273)	1370 (140)
410 SP - 39	9.5	1.8	5	2.25	2.25	165.1X5.40	139.7X4.50	114.3X3.65	170	6090 (621)	2960 (302)	1480 (151)
410 SP - 40	10	1.8	5.2	2.4	2.4	139.7X4.50	114.3X4.50	88.9X3.25	128	3390 (346)	1650 (168)	608 (62)



## IS 2713 – Swaged Type Steel Tubular Poles (Part II)

Desig - nation	OVERALL LENGTH	OVERALL LENGTH	LENGTH OF SECTIONS			OUTSIDE DIAMETER AND THICKNESS OF SECTIONS			APPROX. WEIGHT OF POLE	BREAKING LOAD	LOAD FOR PERMANENT SET NOT EXCEEDING 13MM	LOAD FOR TEMPORARY DEFLECTION OF 157.5 MM
			Bottom	Middle	Top	Bottom	Middle	Top				
	L	L	h3	h2	h1							
1	2	3	4	5	6	7	8	9	10	11	12	13
MM	(M)	(M)	(M)	(M)	(M)	(MM)	(MM)	(MM)	(KG)	N (KGF)	N (KGF)	N (KGF)
410 SP - 41	10	1.8	5.2	2.4	2.4	139.7x4.85	114.3x4.50	88.9x3.25	135	3630 (370)	1760 (180)	637 (65)
410 SP - 42	10	1.8	5.2	2.4	2.4	139.7x5.40	114.3x4.50	88.9x3.25	144	3990 (407)	1940 (198)	677 (69)
410 SP - 43	10	1.8	5.2	2.4	2.4	165.1x4.50	139.7x4.50	114.3x3.65	160	4810 (490)	2330 (238)	1060 (108)
410 SP - 44	10	1.8	5.2	2.4	2.4	165.1x4.85	139.7x4.50	114.3x3.65	168	5150 (525)	2500 (255)	1120 (114)
410 SP - 45	10	1.8	5.2	2.4	2.4	165.1x5.40	139.7x4.50	114.3x3.65	178	5690 (580)	2760 (282)	1200 (122)
410 SP - 46	10	1.8	5.2	2.4	2.4	193.7x4.85	165.1x4.50	139.7x4.50	208	7210 (735)	3500 (357)	1850 (189)
410 SP - 47	10	1.8	5.2	2.4	2.4	193.7x5.40	165.1x4.50	139.7x4.50	221	7910 (807)	3840 (392)	1990 (203)
410 SP - 48	10	1.8	5.2	2.4	2.4	193.7x5.90	165.1x4.50	139.7x4.50	233	8620 (879)	4190 (427)	2110 (215)
410 SP - 49	11	1.8	5.6	2.7	2.7	139.7x4.85	114.3x4.50	88.9x3.25	140	3000 (306)	1460 (149)	412 (42)
410 SP - 50	11	1.8	5.6	2.7	2.7	139.7x5.40	114.3x4.50	88.9x3.25	147	3210 (327)	1560 (159)	431 (44)
410 SP - 51	11	1.8	5.6	2.7	2.7	139.7x5.40	114.3x5.40	88.9x3.25	164	3530 (360)	1720 (175)	480 (49)
410 SP - 52	11	1.8	5.6	2.7	2.7	165.1x4.50	139.7x4.50	114.3x3.65	175	4250 (433)	2060 (210)	726 (74)
410 SP - 53	11	1.8	5.6	2.7	2.7	165.1x4.85	139.7x4.50	114.3x3.65	183	4550 (464)	2220 (226)	765 (78)
410 SP - 54	11	1.8	5.6	2.7	2.7	165.1x5.40	139.7x4.50	114.3x3.65	194	5030 (513)	2440 (249)	814 (83)
410 SP - 55	11	1.8	5.6	2.7	2.7	193.7x4.85	165.1x4.50	139.7x4.50	227	6370 (650)	3100 (316)	1270 (130)
410 SP - 56	11	1.8	5.6	2.7	2.7	193.7x5.40	165.1x4.50	139.7x4.50	241	6990 (713)	3400 (347)	1370 (140)
410 SP - 57	11	1.8	5.6	2.7	2.7	193.7x5.90	165.1x4.85	139.7x4.50	256	7620 (777)	3710 (378)	1470 (150)
410 SP - 58	12	2	5.8	3.1	3.1	165.1x4.50	139.7x4.50	114.3x3.65	186	3880 (396)	1880 (192)	539 (55)
410 SP - 59	12	2	5.8	3.1	3.1	165.1x4.85	139.7x4.50	114.3x3.65	197	4160 (424)	2020 (206)	569 (58)
410 SP - 60	12	2	5.8	3.1	3.1	165.1x5.40	139.7x4.50	114.3x3.65	208	4600 (469)	2240 (228)	598 (61)
410 SP - 61	12	2	5.8	3.1	3.1	193.7x4.85	165.1x4.50	139.7x4.50	245	5820 (594)	2830 (289)	951 (97)
410 SP - 62	12	2	5.8	3.1	3.1	193.7x5.40	165.1x4.50	139.7x4.50	259	6390 (652)	3110 (317)	1010 (103)
410 SP - 63	12	2	5.8	3.1	3.1	193.7x5.90	165.1x4.85	139.7x4.50	277	6960 (710)	3390 (345)	1090 (111)
410 SP - 64	12	2	5.8	3.1	3.1	219.1x4.85	193.7x4.85	165.1x4.50	292	7490 (764)	3640 (371)	1460 (149)
410 SP - 65	12	2	5.8	3.1	3.1	219.1x5.60	193.7x4.85	165.1x4.50	313	8530 (871)	4150 (423)	1610 (164)
410 SP - 66	12	2	5.8	3.1	3.1	219.1x5.90	193.7x4.85	165.1x4.50	322	8980 (916)	4360 (445)	1660 (169)
410 SP - 67	13	2	5.8	3.6	3.6	193.7x4.85	165.1x4.50	139.7x4.50	261	5270 (537)	2560 (261)	677 (69)
410 SP - 68	13	2	5.8	3.6	3.6	193.7x5.40	165.1x4.85	139.7x4.50	281	5790 (590)	2810 (287)	735 (75)
410 SP - 69	13	2	5.8	3.6	3.6	193.7x5.90	165.1x5.40	139.7x4.50	302	6300 (642)	3060 (312)	794 (81)
410 SP - 70	13	2	5.8	3.6	3.6	219.1x4.85	193.7x4.85	165.1x4.50	312	6780 (691)	3300 (336)	1060 (108)
410 SP - 71	13	2	5.8	3.6	3.6	219.1x5.60	193.7x4.85	165.1x4.50	333	7720 (787)	3750 (382)	1160 (118)
410 SP - 72	13	2	5.8	3.6	3.6	219.1x5.90	193.7x4.85	165.1x4.50	343	8120 (828)	3940 (402)	1190 (121)
410 SP - 73	14.5	2	6.5	4	4	193.7x5.40	165.1x5.40	139.7x4.50	312	5050 (515)	2450 (250)	500 (51)
410 SP - 74	14.5	2	6.5	4	4	193.7x5.90	193.7x4.85	139.7x4.50	336	5500 (561)	2680 (273)	539 (55)
410 SP - 75	14.5	2	6.5	4	4	219.1x5.60	193.7x4.85	165.1x4.50	370	6750 (688)	3780 (334)	775 (79)
410 SP - 76	14.5	2	6.5	4	4	219.1x5.90	193.7x4.85	165.1x4.50	380	7100 (724)	3450 (352)	794 (81)
410 SP - 77	16	2.3	7	4.5	4.5	193.7x5.40	165.1x5.40	139.7x4.50	341	4590 (468)	2230 (227)	363 (37)
410 SP - 78	16	2.3	7	4.5	4.5	193.7x5.90	193.7x4.85	139.7x4.50	367	5000 (510)	2430 (248)	392 (40)
410 SP - 79	16	2.3	7	4.5	4.5	219.1x5.60	193.7x4.85	165.1x4.50	403	6130 (625)	2980 (304)	569 (58)
410 SP - 80	16	2.3	7	4.5	4.5	219.1x5.90	193.7x4.85	165.1x4.50	416	6440 (657)	3130(319)	588 (60)

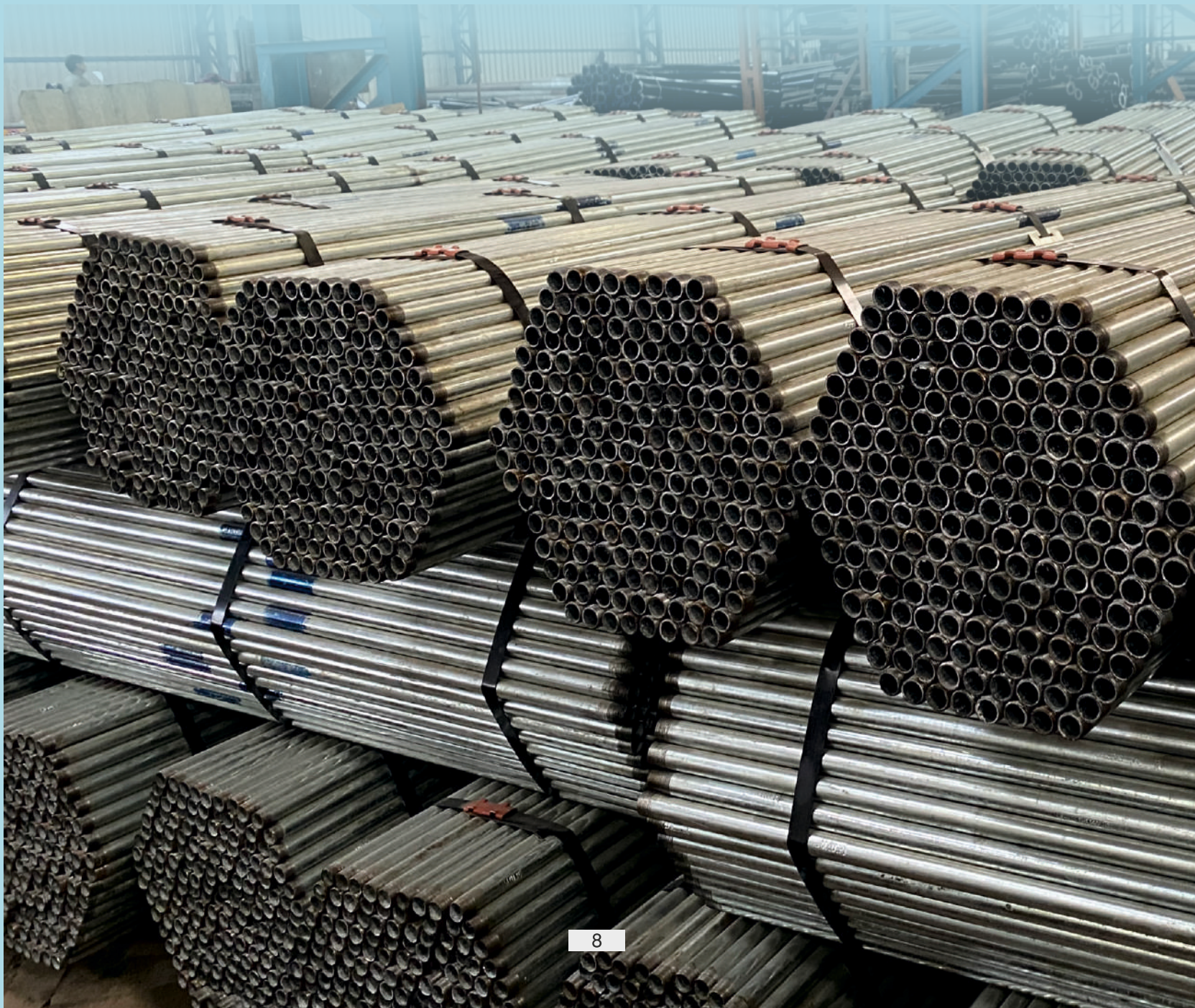
## Galvanised Iron Pipe Nipples (GI Nipples)

Robust hollow pipes used as connecting points in plumbing applications and scaffolding. The high quality and durable metallic tube have external threads on both ends to fasten the pipe, with a high degree of rigidity.

Manufactured using high-quality alloy mild steel our GI Nipples are extremely rust-resistant and have a high strength-to-weight ratio to withstand heavy industrial loads.

**Length: 1000 mm, 1200 mm, 1350 mm, 1400mm and 1500 mm**

**Thickness: 2.6 mm**



## Jal Jeevan Mission

In collaboration with Department of Drinking Water & Sanitation, Ministry of Jalshakti, DPL Star is committed to successfully accomplish the Jal Jeevan Mission.

DPL Star is connecting India pipe by pipe, and at the same time innovating techniques to successfully deliver Pump Fittings, Tube Well Fittings and Zincalume Tanks for this important task.



# Tube Well Fittings

Strength and Sustainability



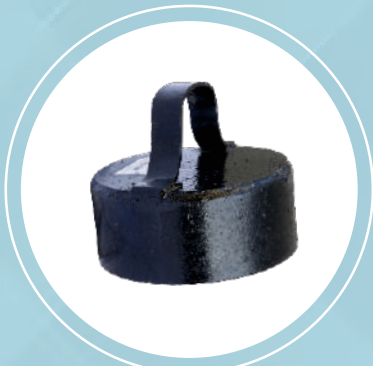
MS Ring



MS Reducer



MS Clamp



MS Well Cap



MS Centre Guide



MS Bail Plug-Hook



MS Tube Well Assembly Support

# Pump Fittings

Durable & Sustainable



MS Nipple



MS Enlarger



MS Reducer



MS Ringa



MS Spool Pipe  
Double Flanged



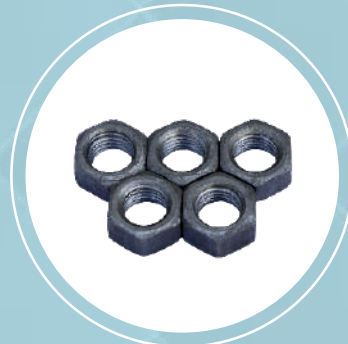
MS Clamp



MS Dum Dum



Rubber Gasket



HDG Fasteners



GI Interlocking Strip



DI Elbow



DI Equal Tee

# Zincalume Tanks

**Quality Is Identity**

Large tanks manufactured at DPL Star helping to eradicate water crisis in India.

**Between 25 KL to 500 KL**

**Key Features**

## **ZINCALUME TECHNOLOGY**

The highest grade of zincalume steel, AZ150, is used in the fabrication of Zincalume Tanks. This grade is renowned for its durability and performance having a lifespan of up to 4 times that of galvanized steel. Our tanks are coated with hot galvanized AZ150 coating, which contains 43.5 % Zinc, 55 % Aluminium and 1.5 % Silicon. This extensive research technology increases the corrosion resistance of our tanks by 30 % to 40 % compared to hot galvanized steel.

## **CORRUGATION TECHNOLOGY**

The tanks are constructed with a robust corrugated profile, and are stiffened using stiffeners which are stronger and more reliable than standard stiffeners. Our corrugation technology is uniform in pitch and depth making it a strong product, as it provides structural reinforcement and shock absorption in the event of earth movement or subsidence.

## **LINER**

Our reinforced liner systems can handle water pressures up to 2kg /cm<sup>2</sup> and can hold a wide range of liquids. We have UV stabilized PVC liner which is made from reinforced multi-layered food grade anti-algae and is covered in woven multilayer nylon. Our liner is mainly used for installation in lightweight commercial and rural domestic tanks. Our PVC liner is composed of 3 bonded layers of polyvinyl chloride (vinyl chloride) fabric. Each layer bonds together to form one continuous layer. The PVC is inert which means that it does not affect the stored liquids.

## **PREFABRICATION**

With our prefabrication approach, the tanks can be dismantled and moved as frequently as required.



## Zincalume Tank Part Description with Specifications

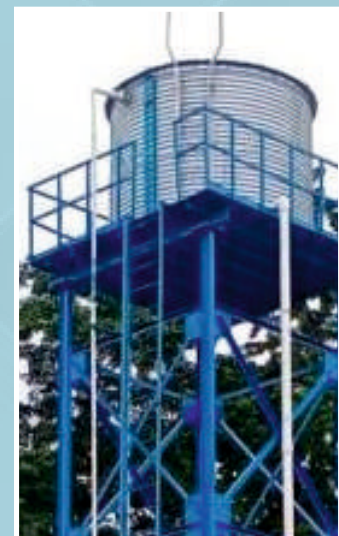
Sr No.	Item Description	Specification	
1.	Wall Sheet / Roof Sheet	Brand Name	Tata Blue Scope/ JSW Jindal Steel
		MOC	Zincalume Steel
		Percentage of Alloy	55% Aluminium, 43.5% Zinc, 1.5% Silicon
		Yield Strength	300 mpa for Wall, 550 mpa for Roof
		Depth between 2 waves	16-17 mm
		PCD of wave	75 mm
		Coating	150 GSM
		Sheet Thickness	Min: 0.8 mm for Wall Max 2.5 mm for Wall Max 0.45 mm for Roof
2.	Liner	Brand Name	SRF
		Grade	Food Grade 760 GSM both side PVC coated fabric
		Type of Yarn	High tenacity polyester filament yarn
		Product Weight	760 GSM (IS 7016 part I - 1982 test method)
		Thickness	0.5 mm (IS 7016 part I - 1982 test method)
		Breaking Strength	Warp 240 kg/5 cm weft - 220 kg/5 cm (IS 7016 part I - 1982 test method)
		Tear Strength	Warp 35 kg weft 30 kg (IS 7016 part I - 1982 test method)
		Adhesion Strength	7 kg/5 cm (IS 7016 part I - 1982 test method)
		Water Proofness	220 PSI no leak (IS 7016 part VII - 1986)
3.	Truss	MOC	MS - HDG
		Material Description	ISI SQ pipe and angle max thicknedd 3 mm
4.	Hardware	Brand Name	TVS/Unbrako
		Grade	M10 8.8 Grade
		MOC	Hot dip galvanized
5.	Anchor Faster	Brand Name	Hilti
		Grade	M16 8.8 Grade
6.	Ladders	Type	Bolted monkey type ladder with safety cages
		MOC	GI Steel from Tata Bluescope
7.	Nozzles	Type	Nozzle with plate and rubber gaskit
		Orientation	Inlet, outlet, overflow and drain
		MOC	MS - HDG
8	Level Indicator	Type	Float ball level indicator scale with SS wire
		MOC	GI Steel from Tata Bluescope
9	Hold Down Brackets	MOC	MS - HDG
		Material Description	10 mm thick welded section

## Zincalume Tank Part Description with Specifications

Sr No.	Item Description	Specification	
10.	Accessories	SS Turbine Vent	200 NB with base frame corrugated rubber flange
		Roof Excess	Bolted 1.5 mm thickness size 600 x 600 mm
		Internal Ladder	Nylone rope
		Ladder Handrail	MS - HDG
		Anode Bag	2.5 kg Magnisium brick with copper wire
		Lightening Arrester	Copper
		Nut Cap	Silicon
		Washer	GI and Rubber
		Silicon	Food Grade
		Gasket	EPDM
		Stiffeners (GI Sheet)	If required
		Conceal Panel (Znal Sheet)	If required
		Wind Ring Pipes	If required
Geo Textile	3 mm		

## Why DPL Star Zincalume Tank

Features	Our Tank	MS Tank	RCC Tank	SS Tank	PVC Tank
Maintenance	Not Required	Highly Required	Required	Not Required	Highly Required
Life of complete tank	40-60 Yrs	7-15 Yrs	30-80 Yrs	60-80 Yrs	5-10 Yrs
Need painting/coating	No	Yes	Yes	No	No
Algae Formation	No	Yes	Yes	No	Yes
Corrosion	No	Yes	Negligible	No	No
Relocation	Easy	Difficult	Not Possible	Difficult	Easy
Weight	Light	Heavy	Very heavy	Heavy	Light
Food Grade	Yes	No	No	Yes	No
Expandable	Yes	No	No	No	No
Liquid Temperature	Negligible	Increase	Increase	Increase	Increase





We make your  
**World Strong**



# Who We Are

DPL Star is the brand name of DPL Global Private Limited. Incorporated in 2008, the company became a force to reckon with in 2019, under the brand name DPL Star.

Today, with a workforce of 300+ workers and staff, DPL Star is known for its youthful energy.

Shinning like a Star ever since its inception, DPL Star products have been recognized and supported by customers for strict quality, excellent service and fast delivery.

The company is poised to go Global with an eye on the international market.

**Visit us at our unit located in the industrial belt of Sikandrabad, Bulandshahar, Uttar Pradesh.**



“ I am amazed by the energy that our team puts in every day. Every single day at DPL is productive. ”

**Shivam Agarwal**  
Director, DPL Star

# Our Leadership

Born in Varanasi, Uttar Pradesh, and brought up in Delhi NCR, Shivam Agarwal is an alumnus of G.D. Goenka, Ghaziabad. He is a graduate in Mechanical Engineering.



Shivam Agarwal was introduced to the steel industry at an early age, and he started his stint with DPL Star at the age of 23.

He has truly justified the saying 'age is just a number' by taking DPL Star to the next level with his hard work, energy and honesty.

Under his leadership, DPL Star is becoming a company that is highly fulfilling, by embracing customers' feedback.

**Shivam Agarwal**  
Director, DPL Star

“ It is important how you receive a product. I am always working towards adding value to our product line. My aim is to give you products that you need. ”



**Learning  
from the  
elders and  
family**



# Trusted Clients

Leading Legacies



# WHY TRUST US

Our USP is  
Product Quality  
Assurance.

DPL Star  
is making  
continuous efforts to  
improve quality and  
services, and to  
provide customers  
with more  
high-quality  
products.

You can  
always rely on  
us for rich products  
varieties, high quality  
materials, sufficient  
stock and fast  
delivery.





**We believe in Doing our best work,  
supported by our customers.**



**DPL GLOBAL PRIVATE LIMITED**  
**PIPING YOUR DREAMS**

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Uttar Pradesh - 203205