

 FLUOR DANIEL	PIPING DESIGN GUIDE										SECTION : 26-015		
	DIMENSION AND PARTICULARS										PAGE : 3		
	OF ANSI PIPE										DATE : JAN. '91		
											REV. : 0		

NPS in. (OD mm)	Schedule 1) numbers			Wall thickness mm	Inside diam. mm	Inside area mm2	Metal area mm2	Outside surface m2/m	Inside surface m2/m	Weight 2) KG/m	Weight filled with water KG/m	Moment of inertia cm4	Section modules cm3	Radius of gyration cm
	A	B	C											
8 (219.1)	-	-	5S	2.77	213.54	35813	1881	0.688	0.671	14.77	50.58	1101	100.47	7.648
	-	-	-	3.18	212.73	35541	2154	0.688	0.668	16.91	52.45	1255	114.58	7.634
	-	-	10S	3.76	211.56	35151	2543	0.688	0.665	19.96	55.11	1474	134.57	7.614
	-	-	-	3.96	211.15	35017	2678	0.688	0.663	21.02	56.04	1549	141.45	7.607
	-	-	-	4.78	209.52	34479	3215	0.688	0.658	25.24	59.72	1846	168.57	7.579
	-	-	-	5.16	208.76	34229	3465	0.688	0.656	27.20	61.43	1983	181.06	7.565
	-	-	-	5.56	207.95	33963	3731	0.688	0.653	29.29	63.25	2128	194.24	7.551
	20	-	-	6.35	206.38	33451	4244	0.688	0.648	33.31	66.76	2403	219.34	7.524
	30	-	-	7.04	205.00	33007	4687	0.688	0.644	36.79	69.80	2637	240.73	7.501
	-	-	-	7.92	203.23	32437	5257	0.688	0.638	41.27	73.70	2934	267.84	7.471
	40	STD	40S	8.18	202.72	32275	5419	0.688	0.637	42.54	74.81	3017	275.45	7.462
	-	-	-	8.74	201.60	31921	5774	0.688	0.633	45.32	77.24	3199	292.00	7.443
	-	-	-	9.53	200.03	31424	6271	0.688	0.628	49.22	80.65	3449	314.86	7.416
	60	-	-	10.31	198.45	30931	6763	0.688	0.623	53.09	84.02	3693	337.19	7.390
	-	-	-	11.13	196.82	30426	7268	0.688	0.618	57.05	87.48	3940	359.68	7.363
	80	XS	80S	12.70	193.68	29460	8234	0.688	0.608	64.64	94.10	4400	401.71	7.310
	-	-	-	14.27	190.53	28510	9184	0.688	0.599	72.10	100.61	4839	441.74	7.258
	100	-	-	15.09	188.90	28025	9669	0.688	0.593	75.90	103.93	5057	461.63	7.232
	-	-	-	15.88	187.33	27560	10134	0.688	0.588	79.55	107.11	5262	480.42	7.206
	120	-	-	18.26	182.55	26173	11521	0.688	0.573	90.44	116.62	5856	534.57	7.129
-	-	-	19.05	180.98	25723	11971	0.688	0.569	93.97	119.70	6041	551.53	7.104	
140	-	-	20.62	177.83	24836	12859	0.688	0.559	100.94	125.78	6398	584.13	7.054	
-	XXS	-	22.23	174.63	23950	13744	0.688	0.549	107.89	131.84	6742	615.53	7.004	
160	-	-	23.01	173.05	23520	14174	0.688	0.544	111.27	134.79	6905	630.36	6.979	
-	-	-	25.40	168.28	22240	15455	0.688	0.529	121.32	143.56	7371	672.91	6.906	
10 (273)	-	-	5S	3.40	266.24	55673	2883	0.858	0.836	22.63	78.31	2621	192	9.534
	-	-	-	3.96	265.13	55207	3350	0.858	0.833	26.29	81.50	3032	222	9.515
	-	-	10S	4.19	264.67	55016	3540	0.858	0.831	27.79	82.80	3199	234	9.507
	-	-	-	4.78	263.50	54532	4025	0.858	0.828	31.59	86.12	3622	265	9.486
	-	-	-	5.16	262.74	54217	4340	0.858	0.825	34.07	88.28	3894	285	9.473
	-	-	-	5.56	261.92	53882	4674	0.858	0.823	36.69	90.58	4182	306	9.459
	20	-	-	6.35	260.35	53236	5320	0.858	0.818	41.77	95.00	4733	347	9.432
	-	-	-	7.09	258.88	52635	5921	0.858	0.813	46.48	99.12	5239	384	9.407
	30	-	-	7.80	257.45	52058	6498	0.858	0.809	51.01	103.07	5720	419	9.382
	-	-	-	8.74	255.57	51301	7255	0.858	0.803	56.95	108.26	6343	465	9.350
	40	STD	40S	9.27	254.51	50874	7683	0.858	0.800	60.31	111.18	6690	490	9.332
	-	-	-	11.13	250.80	49402	9154	0.858	0.788	71.86	121.26	7865	576	9.269
	60	XS	80S	12.70	247.65	48169	10388	0.858	0.778	81.54	129.71	8822	646	9.216
	-	-	-	14.27	244.50	46951	11605	0.858	0.768	91.10	138.05	9744	714	9.163
	80	-	-	15.09	242.87	46329	12227	0.858	0.763	95.98	142.31	10205	748	9.136
	-	-	-	15.88	241.30	45730	12826	0.858	0.758	100.68	146.41	10644	780	9.110
	100	-	-	18.26	236.52	43938	14618	0.858	0.743	114.75	158.69	11923	873	9.031
	-	-	-	20.62	231.80	42201	16356	0.858	0.728	128.39	170.59	13114	961	8.954
	120	-	-	21.44	230.17	41611	16946	0.858	0.723	133.02	174.63	13507	989	8.928
	-	-	-	22.23	228.60	41043	17513	0.858	0.718	137.48	178.52	13881	1017	8.903
140	-	-	23.83	225.40	39902	18654	0.858	0.708	146.44	186.34	14616	1071	8.852	
-	XXS	-	25.40	222.25	38795	19762	0.858	0.698	155.13	193.92	15309	1121	8.802	
160	-	-	28.58	215.90	36610	21947	0.858	0.678	172.28	208.89	16620	1217	8.702	
-	-	-	31.75	209.55	34488	24069	0.858	0.658	188.94	223.43	17821	1305	8.605	