

Woolley Liner Pipes - Flush Joint, Semi-Flush Joint and Intergral Joint Specifications March 24, 1983																		
				Liner Pipe Dimensions			Joint Dimensions			Tension J-55			Tension N-80			Critical Areas		
PIPE O.D. Inches	Wt. Lbs Nom/PE	End Fin		OD Pin Thd	Wall Thick	I.D. (Nom)	Drift I.D.	Pin Length	Pin Bore	Box O.D.	Joint Efficiency %	MYS 1000 Lbs.	Length String SF = 1.5	MYS 1000 Lbs	Length String SF = 1.5	Body Wall Area Sq. In	Pin Sq. In	Box Sq. In
3 1/2"	9.2/8.81	IJ	10R	3.500	.254	2.992	2.867	2 7/8	FL	3.718	77	109	8303	159	219	2.59	1.995	2.123
3 1/2"	9.2/8.81	SFJ	10R	3.420	.254	2.992	2.867	2 7/8	2.900	3.656	71.6	102	7716	148	204	2.59	1.854	2.059
3 1/2"	9.2/8.81	FJ	10R	3.400	.254	2.992	2.867	2 7/8	FL	3.600*	56.7	81	6100	118	162	2.59	1.47	(1.406)
4"	9.5/9.11	IJ	8R	4.000	.226	3.548	3.423	2 5/8	FL	4.218	67.2	99	7256	144		2.68	1.803	1.9
4"	11.0/10.46	SFJ	8R	3.920	.262	3.476	3.351	3 1/2	3.395	4.157	65.6	117	5592	171		3.08	2.152	2.255
4"	9.5/9.11	FJ	8R	3.900	.226	3.548	3.423	2 5/8	FL	4.100	44.9	66	4845	96		2.68	1.204	(1.514)
4"	11.0/10.46	FJ	8R	3.900	.262	3.476	3.351	3 1/2	FL	4.100	65.5	111	7070	161		3.08	2.019	(1.738)
4"	11.6/11.34	FJ	8R	3.900	.286	3.428	3.303	3 1/2	FL	4.100	59.4	109	4806	158		3.33	1.862	(1.872)
4 1/2"	10.5/10.23	IJ	8R	4.500	.224	4.052	3.927	2 5/8	FL	4.718	67.1	111	7240	161	222	3.009	2.02	2.044
4 1/2"	11.6/11.35	IJ	8R	4.500	.254	3.992	3.875	3	FL	4.718	71.9	132	7753	192	264	3.338	2.40	2.682
4 1/2"	11.6/11.35	SFJ	8R	4.400	.254	3.992	3.875	3 1/2	3.906	4.656	70.5	129	7604	188	259	3.338	2.354	2.608
4 1/2"	12.6/12.24	SFJ	8R	4.420	.271	3.958	3.833	3 1/2	3.873	4.656	71.1	141	7668	205	281	3.600	2.560	2.811
4 1/2"	10.5/10.23	FJ	8R	4.400	.224	4.052	3.927	2 5/8	FL	4.600	44.6	74	4817	107	148	3.009	1.344	(1.716)
4 1/2"	11.6/11.35	FJ	8R	4.400	.254	3.992	3.875	3 1/2	FL	4.600	50.1	92	5404	134	184	3.338	1.673	(2.082)
4 1/2"	12.6/12.24	FJ	8R	4.400	.271	3.958	3.833	3 1/2	FL	4.600	53.7	106	5799	155	213	3.600	1.936	(2.082)
4 1/2"	13.5/13.04	FJ	8R	4.400	.290	3.920	3.795	3 1/2	FL	4.600	56.4	119	6067	172	238	3.830	2.160	(2.082)
4 1/2"	15.1/14.98	FJ	8R	4.300	.337	3.826	3.701	3 1/2	FL	4.500	47.3	114	5096	166	229	4.405	2.082	(2.735)
4 1/2"	18.1/16.44	FJ	8R	4.300	.373	3.754	3.629	3 1/2	FL	4.500	51.9	138	5598	201	276	4.835	2.510	(2.735)
5"	13.0/12.83	IJ	8R	5.000	.253	4.494	4.369	3 1/4	FL	5.218	70.8	147	7642	213	294	3.773	2.674	
5"	15.0/14.87	IJ - L	8R	5.000	.296	4.408	4.283	3 1/2	FL	5.218	74.9	180	8069	262	360	4.373	3.275	3.423
5"	13.0/12.83	SFJ	8R	4.920	.253	4.494	4.369	3 3/8	4.414	5.156	67	139	7230	202	278	3.773	2.530	2.685
5"	15.0/14.87	SFJ	8R	4.920	.296	4.408	4.283	3 1/2	4.328	5.156	70.8	169	7570	245	338	4.373	3.098	3.353
5"	18.0/17.93	SFJ	8R	4.900	.362	4.276	4.151	3 1/2	FL	5.156	64.8	188	6991	273	376	5.273	3.419	3.508
5"	13.0/12.83	FJ	8R	4.920	.253	4.494	4.369	3 1/4	FL	5.100	54.8	114	5904	165	227	3.773	2.068	(2.048)
5"	15.0/14.87	FJ	8R	4.800	.296	4.408	4.283	3 1/2	4.328	5.100	53.2	128	5742	186	256	4.373	2.329	(2.987)
5"	15.0/14.87	FJ	8R	4.800	.296	4.408	4.283	3 1/2	FL	5.100	40.7	98	4376	142	195	4.373	1.780	(2.987)
5"	18.0/17.93	FJ	8R	4.800	.362	4.276	4.151	3 1/2	FL	5.100	50.8	147	5480	214	295	5.273	2.68	(2.900)
5 1/2"	14.0/13.70	IJ	8R	5.500	.244	5.012	4.887	3 1/4	FL	5.718	69.6	155	7542			4.029	2.818	2.851
5 1/2"	15.5/15.35	IJ	8R	5.500	.275	4.950	4.825	3 1/2	FL	5.718	73.1	181	7890	264	363	4.514	3.303	3.417
5 1/2"	14.0/13.70	SFJ	8R	5.420	.244	5.012	4.887	3 1/4	4.932	5.156	67.1	148	7201			4.029	2.703	2.863
5 1/2"	15.5/15.35	SFJ	8R	5.420	.275	4.950	4.825	3 1/2	4.870	5.156	69.5	172	7549	251	354	4.514	3.140	3.342
5 1/2"	17.0/16.87	SFJ	8R	5.420	.304	4.892	4.767	3 1/2	4.812	5.156	72.8	198	7857	289	397	4.961	3.693	3.615
5 1/2"	17.0/16.87	SFJ	8R	5.420	.304	4.892	4.767	3 1/2	4.812	5.718	74.4	203	8026	295	406	4.961	3.693	4.114
5 1/2"	15.5/15.35	FJ	8R	5.400	.275	4.950	4.825	3 1/2	FL	5.600	54.7	135	5900	197	271	4.514	2.470	(2.586)
5 1/2"	17.0/16.87	FJ	8R	5.400	.304	4.892	4.767	3 1/2	FL	5.600	58.8	160	6340	233	320	4.961	2.917	(2.580)
5 1/2"	17.0/16.87	FJ	8R	5.300	.304	4.892	4.767	2 5/8	FL	5.600	42.3	115	4544	167	230	4.961	2.1	(3.084)