

PIPE DIMENSIONS					JOINT DIMENSIONS					JOINT TENSION BASED ON MIN. ULTIMATE TENSILE	JOINT TENSION BASED ON MIN. ULTIMATE TENSILE	JOINT TENSION BASED ON MIN. ULTIMATE TENSILE	JOINT TENSION BASED ON MIN. ULTIMATE TENSILE		NOTE: Use 2/3 of recommended Torque when using Teflon Dope.
Pipe O.D.	P.E. Weight	Wall Thickness	Inside Diameter	Drift Diameter	Pin Length	Pin I.D. Bored	Box O.D.	Joint Efficiency	Critical Area of Joint	J OR K-55 MPL + 95,000 PSI	J OR K-55 MPL + 95,000 PSI	N-80 OR E MPL + 100,000 PSI	N-80 OR E MPL + 100,000 PSI	Recommended make-up Torque 100 Foot Lbs.	Recommended make-up Torque 100 Foot Lbs.
Inches	Lbs/Ft.	Inches	Inches	Inches	Inches	Min. Inches	Inches	Percent	Sq. In	MPL 1000 LBS.	SLFT FS = 2	MPL 1000 LBS.	SLFT FS = 1.7	K Min-Max	CN & P Min-Max
3 1/2	8.81	.254	2.992	2.867	2 1/16	Flush	Flush	50	1.305	124	7000	130	86700	7-14	8-16
4	9.11	.226	3.548	3.423	2 1/16	Flush	Flush	45	1.205	114	6200	-	-	7-14	8-16
4	10.46	.262	3.476	3.351	2 1/16	Flush	Flush	52	1.618	153	7300	161	9000	11-22	13-25
4 1/2	9.40	.205	4.090	3.965	2 1/16	4.010	Flush	50	1.382	131	6900	-	-	8-16	9-18
4 1/2	10.23	.224	4.052	3.927	2 1/16	Flush	Flush	45	1.344	127	6200	-	-	9-18	10-20
4 1/2	11.35	.250	4.000	3.875	2 1/16	Flush	Flush	50	1.673	158	7000	167	8600	11-22	13-25
5	12.83	.253	4.494	4.369	2 1/16	Flush	Flush	51	1.918	182	7200	-	-	12-24	14-28
5	14.87	.296	4.408	4.283	2 1/16	Flush	Flush	48	2.137	203	6800	213	8400	13-27	15-31
5 1/2	13.70	.244	5.012	4.887	2 1/16	Flush	Flush	49	1.984	188	6800	-	-	15-30	17-34
5 1/2	15.35	.275	4.950	4.825	2 1/16	Flush	Flush	52	2.357	223	7200	235	9000	16-32	19-36