



# TECHNICAL DATA OF PIPES CONFORMING TO API 5L-2008

Size	Outside Diameter		Wall Thickness		Mass of Plain end Pipes		Standard Test Pressure										
							Grade A	Grade B	Grade X42	Grade x 46	Grade x 52	Grade x56	Grade x 60	Grade x 65			
3½	mm 88.9	inch 3.500	mm	inch	km/mtr	ib/ft	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa			
			2.1	0.083	4.50	3.03	5.9	6.8	8.2	9.0	10.2	10.9	11.7	12.7			
			2.8	0.109	5.95	3.95	7.8	9.1	11.0	12.0	13.6	14.6	15.6	16.9			
			3.2	0.125	6.76	4.51	8.9	10.4	12.5	13.7	15.5	16.7	17.9	19.4			
			3.6	0.141	7.57	5.06	10.1	11.7	14.1	15.4	17.4	18.8	20.1	20.7			
			4.0	0.156	8.37	5.58	11.2	13.0	15.7	17.1	19.4	20.7	20.7	20.7			
			4.4	0.172	9.17	6.12	12.3	14.3	17.2	18.8	20.7	20.7	20.7	20.7			
			4.8	0.188	9.95	6.66	13.4	15.6	18.8	20.5	20.7	20.7	20.7	20.7			
			5.5	0.216	11.31	7.58	15.4	17.2	20.7	20.7	20.7	20.7	20.7	20.7			
4	101.6	4.000	mm	inch	km/mtr	ib/ft	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa			
			2.1	0.083	5.15	3.48	5.1	6.0	7.2	7.9	8.9	9.6	10.3	11.1			
			2.8	0.109	6.82	4.53	6.8	8.0	9.6	10.5	11.9	12.8	13.7	14.8			
			3.2	0.125	7.76	5.18	7.8	9.1	11.0	12.0	13.6	14.6	15.6	16.9			
			3.6	0.141	8.70	5.82	8.8	10.2	12.3	13.5	15.03	16.4	17.6	19.0			
			4.0	0.156	9.63	6.14	9.8	11.4	13.7	15.0	17.0	18.2	19.6	20.7			
			4.4	0.172	10.55	7.04	10.8	12.5	15.1	16.5	18.7	20.1	20.7	20.7			
			4.8	0.188	11.46	7.66	11.7	13.7	16.4	18.0	20.4	20.7	20.7	20.7			
			5.7	0.226	13.46	9.12	13.9	16.2	19.5	20.7	20.7	20.7	20.7	20.7			
4½	114.3	4.500	mm	inch	km/mtr	ib/ft	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa			
			2.1	0.083	5.81	3.92	4.6	5.3	6.4	7.0	7.9	8.5	9.1	9.9			
			3.2	0.125	8.77	5.85	7.0	8.1	9.7	10.6	12.1	13.0	13.9	15.1			
			3.6	0.141	9.83	6.57	7.8	9.1	11.0	12.0	13.6	14.6	15.6	16.9			
			4.0	0.156	10.88	7.24	8.7	10.1	12.2	13.3	15.1	16.2	17.4	18.8			
			4.4	0.172	11.92	7.96	9.6	11.1	13.4	14.6	16.6	17.8	19.1	20.7			
			4.8	0.188	12.96	8.67	10.4	12.1	14.6	16.0	18.1	19.5	20.7	20.7			
			5.2	0.203	13.99	9.32	11.3	13.2	15.8	17.3	19.6	20.7	20.7	20.7			
			5.6	0.219	15.01	10.02	12.2	14.2	17.0	18.6	20.7	20.7	20.7	20.7			
5¾	141.3	5.563	mm	inch	km/mtr	ib/ft	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa			
			2.1	0.083	7.21	4.86	3.7	4.3	5.2	5.7	6.4	6.9	7.4	8.0			
			3.2	0.125	10.9	7.27	5.6	6.5	7.9	8.6	9.8	10.5	11.3	12.2			
			4.0	0.156	13.54	9.02	7.0	8.2	9.9	10.8	12.2	13.1	14.1	15.2			
			4.8	0.188	16.16	10.80	8.4	9.8	11.8	12.9	14.6	15.7	16.9	18.3			
			5.6	0.219	18.74	12.51	9.8	11.5	13.8	15.1	17.1	18.4	19.7	20.7			
			6.6	0.258	21.92	14.63	11.6	13.5	16.3	17.8	20.1	20.7	20.7	20.7			
			6%	168.3	6.625	mm	inch	km/mtr	ib/ft	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa
						2.1	0.083	8.61	5.80	3.1	3.6	5.4	5.9	6.7	7.2	7.7	8.4
2.8	0.109	11.43				7.59	4.1	4.8	7.2	7.9	9.0	9.6	10.3	11.2			
3.2	0.125	13.03				8.69	4.7	5.5	8.3	9.0	10.2	11.0	11.8	12.8			
3.6	0.141	14.62				9.77	5.3	6.2	9.3	10.2	11.5	12.4	13.3	14.4			
4.0	0.156	16.21				10.79	5.9	6.9	10.3	11.3	12.8	13.8	14.8	16.0			
4.4	0.172	17.78				11.87	6.5	7.6	11.4	12.4	14.1	15.1	16.2	17.6			
4.8	0.188	19.35				12.94	7.1	8.2	12.4	13.6	15.4	16.5	17.7	19.2			
5.2	0.203	20.91				13.94	7.7	8.9	13.4	14.7	16.6	17.9	19.2	20.7			
8%	219.1	8.625	mm	inch	km/mtr	ib/ft	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa			
			2.1	0.083	8.61	5.80	3.1	3.6	5.4	5.9	6.7	7.2	7.7	8.4			
			2.8	0.109	11.43	7.59	4.1	4.8	7.2	7.9	9.0	9.6	10.3	11.2			
			3.2	0.125	13.03	8.69	4.7	5.5	8.3	9.0	10.2	11.0	11.8	12.8			
			3.6	0.141	14.62	9.77	5.3	6.2	9.3	10.2	11.5	12.4	13.3	14.4			
			4.0	0.156	16.21	10.79	5.9	6.9	10.3	11.3	12.8	13.8	14.8	16.0			
			4.4	0.172	17.78	11.87	6.5	7.6	11.4	12.4	14.1	15.1	16.2	17.6			
			4.8	0.188	19.35	12.94	7.1	8.2	12.4	13.6	15.4	16.5	17.7	19.2			
			5.2	0.203	20.91	13.94	7.7	8.9	13.4	14.7	16.6	17.9	19.2	20.7			
10%	273.1	10.750	mm	inch	km/mtr	ib/ft	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa			
			2.1	0.083	8.61	5.80	3.1	3.6	5.4	5.9	6.7	7.2	7.7	8.4			
			2.8	0.109	11.43	7.59	4.1	4.8	7.2	7.9	9.0	9.6	10.3	11.2			
			3.2	0.125	13.03	8.69	4.7	5.5	8.3	9.0	10.2	11.0	11.8	12.8			
			3.6	0.141	14.62	9.77	5.3	6.2	9.3	10.2	11.5	12.4	13.3	14.4			
			4.0	0.156	16.21	10.79	5.9	6.9	10.3	11.3	12.8	13.8	14.8	16.0			
			4.4	0.172	17.78	11.87	6.5	7.6	11.4	12.4	14.1	15.1	16.2	17.6			
			4.8	0.188	19.35	12.94	7.1	8.2	12.4	13.6	15.4	16.5	17.7	19.2			
			5.2	0.203	20.91	13.94	7.7	8.9	13.4	14.7	16.6	17.9	19.2	20.7			
12%	323.9	12.750	mm	inch	km/mtr	ib/ft	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa	Mpa			
			2.1	0.083	8.61	5.80	3.1	3.6	5.4	5.9	6.7	7.2	7.7	8.4			
			2.8	0.109	11.43	7.59	4.1	4.8	7.2	7.9	9.0	9.6	10.3	11.2			
			3.2	0.125	13.03	8.69	4.7	5.5	8.3	9.0	10.2	11.0	11.8	12.8			
			3.6	0.141	14.62	9.77	5.3	6.2	9.3	10.2	11.5	12.4	13.3	14.4			
			4.0	0.156	16.21	10.79	5.9	6.9	10.3	11.3	12.8	13.8	14.8	16.0			
			4.4	0.172	17.78	11.87	6.5	7.6	11.4	12.4	14.1	15.1	16.2	17.6			
			4.8	0.188	19.35	12.94	7.1	8.2	12.4	13.6	15.4	16.5	17.7	19.2			
			5.2	0.203	20.91	13.94	7.7	8.9	13.4	14.7	16.6	17.9	19.2	20.7			

