



SE ERW Black Casing Pipes

SE ERW pipes are extensively used in agriculture, industry and construction activities like scaffolding and casing in bore wells. They are used for conveying water, gas, crude oil and chemicals at various pressures and densities over long distances. Considering the challenging and varied applications, the pipes are produced to meet very high standards of both national and international specifications .

The pipe plant is equipped with state-of-the-art machines ,slitting lines, pipe mills, galvanizing units, finishing machines and fool-proof high pressure hydro testing machines. The plant also has sufficient handling facilities, both EOT and mobile cranes supported by pipe conveyer systems.

Quality assurance begins at the raw material stage and continues right through all the manufacturing operations, till the Pipes are packed for dispatch.

ERW CASING PIPE





API PIPE LINES

Dimensions, Weights and Test Pressures for Sizes 0.840" through 20" (SI Units)

Size	Specified Outside Diameter	Specified Wall Thickness	Plain-end Weight per Unit Length	Calculated Inside Diameter	Minimum Test Pressure (kPa x 100)										Type			
					D	t	Wpe	d	Grade	Grade	Grade	Grade	Grade	Grade		Grade	Grade	Grade
					(mm)	(mm)	(Kg/m)	(mm)	A25	A	B	X-42	X-46	X-52		X-56	X-60	X-65
	101.6	5.7	13.48	90.2	83	141	165	195	205	205	205	205	205	205	S/E			
	101.6	6.4	15.02	88.8	-	159	185	205	205	205	205	205	205	205	S/E			
	101.6	7.1	16.55	87.4	-	176	190	205	205	205	205	205	205	205	S			
	101.6	8.1	18.68	85.4	117	190	190	205	205	205	205	205	205	205	S			
4 1/2"	114.3	3.2	8.77	107.9	55	71	82	97	108	121	131	139	151	163	E			
	114.3	3.6	9.83	107.1	-	79	93	110	121	136	147	157	170	183	E			
	114.3	4.0	10.88	106.3	69	88	103	122	134	151	164	174	189	204	S/E			
	114.3	4.4	11.92	105.5	-	97	113	134	148	166	180	192	205	205	S/E			
	114.3	4.8	12.96	104.7	83	106	123	146	161	181	197	205	205	205	S/E			
	114.3	5.2	13.99	103.9	-	115	134	158	175	197	205	205	205	205	S/E			
	114.3	5.6	15.01	103.1	83	123	144	170	188	205	205	205	205	205	S/E			
	114.3	6.0	16.02	102.3	83	132	154	183	202	205	205	205	205	205	S/E			
	114.3	6.4	17.03	101.5	-	141	165	195	205	205	205	205	205	205	S/E			
	114.3	7.1	18.77	100.1	-	157	183	205	205	205	205	205	205	205	S			
	114.3	7.9	20.73	98.5	-	174	190	205	205	205	205	205	205	205	S			
	114.3	8.6	22.42	97.1	117	190	190	205	205	205	205	205	205	205	S			
	114.3	11.1	28.25	92.1	-	190	190	205	205	205	205	205	205	205	S			
	114.3	13.5	33.56	87.3	-	190	190	205	205	205	205	205	205	205	S			
	114.3	17.1	40.99	80.1	-	190	190	205	205	205	205	205	205	205	S			
5 9/16"	141.3	3.2	10.90	134.9	46	57	67	79	87	98	106	113	122	132	E			
	141.3	4.0	13.54	133.3	58	71	83	99	109	122	132	141	153	165	E			
	141.3	4.8	16.16	131.7	70	86	100	118	130	147	159	169	183	198	E			
	141.3	5.6	18.74	130.1	81	100	117	138	152	171	185	197	205	205	S/E			
	141.3	6.6	21.92	128.1	83	118	137	163	179	202	205	205	205	205	S/E			
	141.3	7.1	23.50	127.1	105	127	148	175	193	205	205	205	205	205	S			
	141.3	7.9	25.99	125.5	116	141	164	195	205	205	205	205	205	205	S			
	141.3	8.7	28.45	123.9	128	155	181	205	205	205	205	205	205	205	S			
	141.3	9.5	30.88	122.3	139	169	190	205	205	205	205	205	205	205	S			
	141.3	12.7	40.28	115.9	186	190	190	205	205	205	205	205	205	205	S			
	141.3	15.9	49.17	109.5	193	190	190	205	205	205	205	205	205	205	S			
6 5/8"	168.3	3.2	13.03	161.9	-	48	56	83	91	103	111	118	128	138	E			
	168.3	3.6	14.62	161.1	-	54	63	93	103	116	125	133	144	156	E			
	168.3	4.0	16.21	160.3	-	60	70	103	114	128	139	148	160	173	E			
	168.3	4.4	17.78	159.5	-	66	77	114	125	141	153	163	176	190	E			
	168.3	4.8	19.35	158.7	-	72	84	124	137	154	167	178	193	205	E			
	168.3	5.2	20.91	157.9	-	78	91	134	148	167	181	192	205	205	S/E			
	168.3	5.6	22.47	157.1	-	84	98	145	160	180	195	205	205	205	S/E			

S:Seamless S/E
 E:ERW

API PIPE LINES

Dimensions, Weights and Test Pressures for Sizes 0.840" through 20" (SI Units)															
Size	Specified Outside Diameter	Specified Wall Thickness	Plain-end Weight per Unit Length	Calculated Inside Diameter	Minimum Test Pressure (kPa x 100)										Type
	D	t	Wpe	d	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	
	(mm)	(mm)	(Kg/m)	(mm)	A25	A	B	X-42	X-46	X-52	X-56	X-60	X-65	X-70	S/E
	168.3	6.4	25.55	155.5	-	96	112	165	183	205	205	205	205	205	S/E
	168.3	7.1	28.22	154.1	-	106	124	184	202	205	205	205	205	205	S/E
	168.3	7.9	31.25	152.5	-	118	138	204	205	205	205	205	205	205	S
	168.3	8.7	34.24	150.9	-	130	152	205	205	205	205	205	205	205	S
	168.3	9.5	37.20	149.3	-	142	166	205	205	205	205	205	205	205	S
	168.3	11.0	42.67	146.3	-	165	190	205	205	205	205	205	205	205	S
	168.3	12.7	48.73	142.9	-	190	190	205	205	205	205	205	205	205	S
	168.3	14.3	54.31	139.7	-	190	190	205	205	205	205	205	205	205	S
	168.3	15.9	59.76	136.5	-	190	190	205	205	205	205	205	205	205	S
	168.3	18.3	67.69	131.7	-	190	190	205	205	205	205	205	205	205	S
	168.3	19.1	70.27	130.1	-	190	190	205	205	205	205	205	205	205	S
8 5/8"	219.1	4.0	21.22	211.1	-	46	54	79	88	99	107	114	123	133	E
	219.1	4.8	25.37	209.5	-	55	64	95	105	118	128	136	148	159	E
	219.1	5.2	27.43	208.7	-	60	70	103	114	128	139	148	160	173	E
	219.1	5.6	29.48	207.9	-	64	75	111	123	138	150	159	173	186	E
	219.1	6.4	33.57	206.3	-	74	86	127	140	158	171	182	197	205	S/E
	219.1	7.0	36.61	205.1	-	81	94	139	153	173	187	199	205	205	S/E
	219.1	7.9	41.14	203.3	-	91	106	157	173	195	205	205	205	205	S/E
	219.1	8.2	42.65	202.7	-	94	110	163	180	202	205	205	205	205	S/E
	219.1	8.7	45.14	201.7	-	100	117	173	191	205	205	205	205	205	S/E
	219.1	9.5	49.10	200.1	-	109	127	189	205	205	205	205	205	205	S/E
	219.1	11.1	56.94	196.9	-	128	149	205	205	205	205	205	205	205	S/E
	219.1	12.7	64.64	193.7	-	146	170	205	205	205	205	205	205	205	S/E
	219.1	14.3	72.22	190.5	-	164	190	205	205	205	205	205	205	205	S
	219.1	15.9	79.67	187.3	-	183	190	205	205	205	205	205	205	205	S
	219.1	18.3	90.62	182.5	-	190	190	205	205	205	205	205	205	205	S
	219.1	19.1	94.20	180.9	-	190	190	205	205	205	205	205	205	205	S
	219.1	20.6	100.84	177.9	-	190	190	205	205	205	205	205	205	205	S
	219.1	22.2	107.79	174.7	-	190	190	205	205	205	205	205	205	205	S
	219.1	25.4	121.33	168.3	-	190	190	205	205	205	205	205	205	205	S
10 3/4"	273.1	4.0	26.54	265.1	-	37	43	72	80	90	97	103	112	121	E
	273.1	4.8	31.76	263.5	-	44	52	87	96	108	117	124	134	145	E
	273.1	5.2	34.35	262.7	-	48	56	94	104	117	126	134	146	157	E
	273.1	5.6	36.94	261.9	-	52	60	101	112	125	136	145	157	169	E
	273.1	6.4	42.09	260.3	-	59	69	116	127	143	155	165	179	193	E
	273.1	7.1	46.57	258.9	-	66	76	128	141	159	172	183	199	205	S/E

S:Seamless S/E
 E:ERW

API PIPE LINES

Dimensions, Weights and Test Pressures for Sizes 0.840" through 20" (SI Units)

Size	Specified Outside Diameter	Specified Wall Thickness	Plain-end Weight per Unit Length	Calculated Inside Diameter	Minimum Test Pressure (kPa x 100)										Type			
					D	t	Wpe	d	Grade	Grade	Grade	Grade	Grade	Grade		Grade	Grade	Grade
					(mm)	(mm)	(Kg/m)	(mm)	A25	A	B	X-42	X-46	X-52		X-56	X-60	X-65
	273.1	7.8	51.03	257.5	-	72	84	141	155	175	189	201	205	205	S/E			
	273.1	8.7	56.72	255.7	-	80	94	157	173	195	205	205	205	205	S/E			
	273.1	9.3	60.50	254.5	-	86	100	168	185	205	205	205	205	205	S/E			
	273.1	11.1	71.72	250.9	-	102	119	200	205	205	205	205	205	205	S/E			
	273.1	12.7	81.55	247.7	-	117	137	205	205	205	205	205	205	205	S/E			
	273.1	14.3	91.26	244.5	-	132	154	205	205	205	205	205	205	205	S			
	273.1	15.9	100.85	241.3	-	147	171	205	205	205	205	205	205	205	S			
	273.1	18.3	114.99	236.5	-	169	190	205	205	205	205	205	205	205	S			
	273.1	20.6	128.27	231.9	-	190	190	205	205	205	205	205	205	205	S			
	273.1	22.2	137.36	228.7	-	190	190	205	205	205	205	205	205	205	S			
	273.1	23.8	146.32	225.5	-	190	190	205	205	205	205	205	205	205	S			
	273.1	25.4	155.15	222.3	-	190	190	205	205	205	205	205	205	205	S			
	273.1	31.8	189.22	209.5	-	190	190	205	205	205	205	205	205	205	S			
12 3/4"	323.9	4.4	34.67	315.1	-	34	40	67	74	83	90	96	104	112	E			
	323.9	4.8	37.77	314.3	-	37	44	73	81	91	98	105	113	122	E			
	323.9	5.2	40.87	313.5	-	40	47	79	87	98	106	113	123	132	E			
	323.9	5.6	43.96	312.7	-	44	51	85	94	106	115	122	132	143	E			
	323.9	6.4	50.11	311.1	-	50	58	97	107	121	131	139	151	163	E			
	323.9	7.1	55.47	309.7	-	55	64	108	119	134	145	155	168	181	S/E			
	323.9	7.9	61.56	308.1	-	61	72	120	133	149	162	172	187	201	S/E			
	323.9	8.4	65.35	307.1	-	65	76	128	141	159	172	183	198	205	S/E			
	323.9	8.7	67.62	306.5	-	68	79	132	146	164	178	189	205	205	S/E			
	323.9	9.5	73.65	304.9	-	74	86	145	160	179	194	205	205	205	S/E			
	323.9	10.3	79.65	303.3	-	80	93	157	173	195	205	205	205	205	S/E			
	323.9	11.1	85.62	301.7	-	86	101	169	186	205	205	205	205	205	S/E			
	323.9	12.7	97.46	298.5	-	99	115	193	205	205	205	205	205	205	S/E			
	323.9	14.3	109.18	295.3	-	111	130	205	205	205	205	205	205	205	S			
	323.9	15.9	120.76	292.1	-	124	144	205	205	205	205	205	205	205	S			
	323.9	17.5	132.23	288.9	-	136	159	205	205	205	205	205	205	205	S			
	323.9	19.1	143.56	285.7	-	149	173	205	205	205	205	205	205	205	S			
	323.9	20.6	154.08	282.7	-	160	187	205	205	205	205	205	205	205	S			
	323.9	22.2	165.17	279.5	-	173	190	205	205	205	205	205	205	205	S			
	323.9	23.8	176.13	276.3	-	185	190	205	205	205	205	205	205	205	S			
	323.9	25.4	186.97	273.1	-	190	190	205	205	205	205	205	205	205	S			
	323.9	27.0	197.68	269.9	-	190	190	205	205	205	205	205	205	205	S			
	323.9	28.6	208.27	266.7	-	190	190	205	205	205	205	205	205	205	S			
	323.9	31.8	229.06	260.3	-	190	190	205	205	205	205	205	205	205	S			

S:Seamless S/E
 E:ERW

API PIPE LINE

Dimensions, Weights and Test Pressures for Sizes 0.840" through 20" (SI Units)															
Size	Specified Outside Diameter	Specified Wall Thickness	Plain-end Weight per Unit Length	Calculated Inside Diameter	Minimum Test Pressure (kPa x 100)										Type
	D	t	Wpe	d	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	
	(mm)	(mm)	(Kg/m)	(mm)	A25	A	B	X-42	X-46	X-52	X-56	X-60	X-65	X-70	
14"	355.6	4.8	41.52	346.0	-	34	40	67	73	83	89	95	103	111	E
	355.6	5.2	44.93	345.2	-	37	43	72	80	89	97	103	112	121	E
	355.6	5.3	45.78	345.0	-	38	44	74	81	91	99	105	114	123	E
	355.6	5.6	48.33	344.4	-	40	46	78	86	96	104	111	121	130	E
	355.6	6.4	55.11	342.8	-	45	53	89	98	110	119	127	138	148	E
	355.6	7.1	61.02	341.4	-	50	59	98	109	122	132	141	153	165	E
	355.6	7.9	67.74	339.8	-	56	65	110	121	136	147	156	170	183	E
	355.6	8.7	74.42	338.2	-	62	72	121	133	150	162	173	187	202	E
	355.6	9.5	81.08	336.6	-	67	79	132	145	163	177	188	204	205	S/E
	355.6	10.3	87.71	335.0	-	73	85	143	158	177	192	204	205	205	S/E
	355.6	11.1	94.30	333.4	-	79	92	154	170	191	205	205	205	205	S/E
	355.6	11.9	100.86	331.8	-	84	98	165	182	205	205	205	205	205	S/E
	355.6	12.7	107.39	330.2	-	90	105	176	194	205	205	205	205	205	S/E
	355.6	14.3	120.36	327.0	-	101	118	198	205	205	205	205	205	205	S
	355.6	15.9	133.19	323.8	-	113	131	205	205	205	205	205	205	205	S
	355.6	17.5	145.91	320.6	-	124	145	205	205	205	205	205	205	205	S
	355.6	19.1	158.49	317.4	-	135	158	205	205	205	205	205	205	205	S
	355.6	20.6	170.18	314.4	-	146	170	205	205	205	205	205	205	205	S
	355.6	22.2	182.52	311.2	-	157	184	205	205	205	205	205	205	205	S
	355.6	23.8	194.74	308.0	-	169	190	205	205	205	205	205	205	205	S
355.6	25.4	206.83	304.8	-	180	190	205	205	205	205	205	205	205	S	
355.6	27.0	218.79	301.6	-	190	190	205	205	205	205	205	205	205	S	
355.6	28.6	230.63	298.4	-	190	190	205	205	205	205	205	205	205	S	
355.6	31.8	253.92	292.0	-	190	190	205	205	205	205	205	205	205	S	
16"	406.4	4.8	47.54	396.8	-	30	35	58	64	72	78	83	90	97	E
	406.4	5.2	51.45	396.0	-	32	38	63	70	78	85	90	98	106	E
	406.4	5.6	55.35	395.2	-	35	41	68	75	84	91	97	105	114	E
	406.4	6.4	63.13	393.6	-	40	46	78	86	96	104	111	120	130	E
	406.4	7.1	69.91	392.2	-	44	51	86	95	107	116	123	134	144	E
	406.4	7.9	77.63	390.6	-	49	57	96	106	119	129	137	149	160	E
	406.4	8.7	85.32	389.0	-	54	63	106	117	131	142	151	164	177	E
	406.4	9.5	92.99	387.4	-	59	69	115	127	143	155	165	179	193	S/E
	406.4	10.3	100.61	385.8	-	64	75	125	138	155	168	179	194	205	E
	406.4	11.1	108.20	384.2	-	69	80	135	149	167	181	193	205	205	E
406.4	11.9	115.77	382.6	-	74	86	144	159	179	194	205	205	205	E	
406.4	12.7	123.31	381.0	-	79	92	154	170	191	205	205	205	205	S/E	

S:Seamless S/E
 E:ERW

API PIPE LINES

Dimensions, Weights and Test Pressures for Sizes 0.840" through 20" (SI Units)																
Size	Specified Outside Diameter	Specified Wall Thickness	Plain-end Weight per Unit Length	Calculated Inside Diameter	Minimum Test Pressure (kPa x 100)										Type	
	D	t	Wpe	d	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade		Grade
	(mm)	(mm)	(Kg/m)	(mm)	A25	A	B	X-42	X-46	X-52	X-56	X-60	X-65	X-70		S/E
18"	406.4	21.4	203.19	363.6	-	133	155	205	205	322	205	205	205	205	S	
	457.0	4.8	53.53	447.4	-	27	31	52	57	64	70	74	80	87	E	
	457.0	5.6	62.34	445.8	-	31	36	60	67	75	81	87	94	101	E	
	457.0	6.4	71.12	444.2	-	35	41	69	76	85	93	99	107	116	E	
	457.0	7.1	78.77	442.8	-	39	46	77	85	95	103	110	119	128	E	
	457.0	7.9	87.49	441.2	-	44	51	85	94	106	115	122	132	143	E	
	457.0	8.7	96.18	439.6	-	48	56	94	104	117	126	134	146	157	E	
	457.0	9.5	104.84	438.0	-	52	61	102	113	127	138	147	159	171	S/E	
	457.0	10.3	113.46	436.4	-	57	66	111	123	138	149	159	172	186	E	
	457.0	11.1	122.06	434.8	-	61	71	120	132	149	161	171	186	200	S/E	
	457.0	11.9	130.62	433.2	-	66	77	128	142	159	173	184	199	205	E	
	457.0	12.7	139.16	431.6	-	70	82	137	151	170	184	196	205	205	S/E	
	457.0	14.3	156.12	428.4	-	79	92	154	170	192	205	205	205	205	S	
	457.0	19.1	206.27	418.8	-	105	123	205	205	205	205	205	205	205	S	
457.0	23.8	254.26	409.4	-	131	153	205	205	205	205	205	205	205	S		
20"	508.0	5.6	69.38	496.8	-	28	32	58	64	71	77	82	89	96	E	
	508.0	6.4	79.16	495.2	-	32	37	66	73	81	88	94	102	110	E	
	508.0	7.1	87.70	493.8	-	35	41	73	81	91	98	104	113	122	E	
	508.0	7.9	97.43	492.2	-	39	46	81	90	101	109	116	126	136	E	
	508.0	8.7	107.12	490.6	-	43	50	89	99	111	120	128	139	150	E	
	508.0	9.5	116.79	489.0	-	47	55	92	102	114	124	132	143	154	S/E	
	508.0	10.3	126.41	487.4	-	51	60	106	117	131	142	152	164	177	E	
	508.0	11.1	136.01	485.8	-	55	64	114	126	142	153	163	177	191	E	
	508.0	11.9	145.58	484.2	-	59	69	122	135	152	164	175	190	205	E	
	508.0	12.7	155.13	482.6	-	63	74	123	136	153	166	176	191	205	S/E	
	508.0	15.1	183.55	477.8	-	75	87	147	162	182	197	205	205	205	S	
	508.0	20.6	247.61	466.8	-	102	119	200	205	205	205	205	205	205	S	
508.0	26.2	311.31	455.6	-	130	152	205	205	205	205	205	205	205	S		

S:Seamless S/E
 E:ERW

API PIPE LINES

DIMENSIONS, WEIGHTS AND END FINISH																				
Outside Diameter		Normal Weight T&C		Normal Weight Plain-end		Wall Thickness		TYPE OF FINISH GRADE								COUPLING OD	THREAD TYPES TPI		TYPE	
In.	mm	lb/ft.	Kg/mtr	lb/ft.	Kg/mtr	Inch	mm	H-40	J-55 K-55	M 65	L-80 R-95	N-80 Type-1,Q	C-90 T-95	C-110	P-110	Q-125	mm	STC LTC	BTC	S/E
4 1/2	114.30	9.50	14.14	9.42	14.02	0.205	5.21	PS	PS	PS	-	-	-	-	-	-	127.00	8	-	S
4 1/2	114.30	10.50	15.63	10.24	15.24	0.224	5.69	-	PSB	PSB	-	-	-	-	-	-	127.00	8	5	S
4 1/2	114.30	11.60	17.26	11.36	16.91	0.250	6.35	-	PSLB	PLB	PLB	PLB	PLB	P	PLB	-	127.00	8	5	S
4 1/2	114.30	13.50	20.09	13.06	19.44	0.290	7.37	-	-	PLB	PLB	PLB	PLB	P	PLB	-	127.00	8	5	S
4 1/2	114.30	15.10	22.47	15.00	22.32	0.337	8.56	-	-	-	-	-	-	-	PLB	PLB	127.00	8	5	S
5	127.00	11.50	17.11	11.25	16.74	0.220	5.59	-	PS	PS	-	-	-	-	-	-	141.30	8	-	S
5	127.00	13.00	19.35	12.85	19.12	0.253	6.43	-	PSLB	PSLB	-	-	-	-	-	-	141.30	8	5	S
5	127.00	15.00	22.32	14.89	22.16	0.296	7.52	-	PSLB	PLB	PLB	PLB	PLB	P	PLB	-	141.30	8	5	S
5	127.00	18.00	26.79	17.94	26.70	0.362	9.19	-	-	PLB	PLB	PLB	PLB	P	PLB	PLB	141.30	8	5	S
5	127.00	21.40	31.85	21.32	31.73	0.437	11.10	-	-	PLB	PLB	PLB	PLB	P	PLB	PLB	141.30	8	5	S
5	127.00	23.20	34.53	23.11	34.39	0.478	12.14	-	-	-	PLB	PLB	PLB	P	PLB	PLB	141.30	8	5	S
5	127.00	24.10	35.87	24.05	35.80	0.500	12.70	-	-	-	PLB	PLB	PLB	P	PLB	PLB	141.30	8	5	S
5 1/2	139.70	14.00	20.84	13.72	20.41	0.244	6.20	PS	PS	PS	-	-	-	-	-	-	153.67	8	-	S
5 1/2	139.70	15.50	23.07	15.35	22.85	0.275	6.98	-	PSLB	PSLB	-	-	-	-	-	-	153.67	8	5	S
5 1/2	139.70	17.00	25.30	16.88	25.13	0.304	7.72	-	PSLB	PLB	PLB	PLB	PLB	P	PLB	-	153.67	8	5	S
5 1/2	139.70	20.00	29.76	19.83	29.52	0.361	9.17	-	-	PLB	PLB	PLB	PLB	P	PLB	-	153.67	8	5	S
5 1/2	139.70	23.00	34.23	22.56	33.57	0.415	10.54	-	-	PLB	PLB	PLB	PLB	P	PLB	PLB	153.67	8	5	S
5 1/2	139.70	26.80	39.88	26.73	39.78	0.500	12.70	-	-	-	-	-	P	P	-	-	-	-	-	S
5 1/2	139.70	29.70	44.20	29.66	44.14	0.562	14.27	-	-	-	-	-	P	P	-	-	-	-	-	S
5 1/2	139.70	32.60	48.52	32.58	48.49	0.625	15.88	-	-	-	-	-	P	P	-	-	-	-	-	S
6 5/8	168.28	20.00	29.76	19.52	29.06	0.288	7.32	PS	PSLB	PSLB	-	-	-	-	-	-	187.71	8	5	S/E*
6 5/8	168.28	24.00	35.72	23.61	35.13	0.352	8.94	-	PSLB	PLB	PLB	PLB	PLB	P	PLB	-	187.71	8	5	S/E*
6 5/8	168.28	28.00	41.67	27.67	41.18	0.417	10.59	-	-	PLB	PLB	PLB	PLB	P	PLB	-	187.71	8	5	S/E*
6 5/8	168.28	32.00	47.62	31.22	46.46	0.475	12.06	-	-	-	PLB	PLB	PLB	P	PLB	PLB	187.71	8	5	S/E*
7	177.80	20.00	29.76	19.57	29.12	0.272	6.91	PS	PS	PS	-	-	-	-	-	-	200.03	8	-	S/E*
7	177.80	23.00	34.23	22.64	33.70	0.317	8.05	-	PSLB	PLB	PLB	PLB	PLB	-	-	-	200.03	8	5	S/E*
7	177.80	26.00	38.69	25.68	38.21	0.362	9.19	-	PSLB	PLB	PLB	PLB	PLB	P	PLB	-	200.03	8	5	S/E*
7	177.80	29.00	43.16	28.75	42.78	0.408	10.36	-	-	PLB	PLB	PLB	PLB	P	PLB	-	200.03	8	5	S/E*
7	177.80	32.00	47.62	31.72	47.20	0.453	11.51	-	-	PLB	PLB	PLB	PLB	P	PLB	-	200.03	8	5	S/E*
7	177.80	35.00	52.09	34.62	51.52	0.498	12.65	-	-	-	PLB	PLB	PLB	P	PLB	PLB	200.03	8	5	S/E*
7	177.80	38.00	56.55	37.30	55.52	0.540	13.72	-	-	-	PLB	PLB	PLB	P	PLB	PLB	200.03	8	5	S
7 5/8	193.68	24.00	35.72	23.49	34.96	0.300	7.62	PS	-	-	-	-	-	-	-	-	215.90	8	-	S
7 5/8	193.68	26.40	39.29	25.59	38.08	0.328	8.33	-	PSLB	PSLB	PLB	PLB	PLB	P	-	-	215.90	8	5	S
7 5/8	193.68	29.70	44.20	29.05	43.24	0.375	9.52	-	-	PLB	PLB	PLB	PLB	P	PLB	-	215.90	8	5	S
7 5/8	193.68	33.70	50.15	33.07	49.22	0.430	10.92	-	-	PLB	PLB	PLB	PLB	P	PLB	-	215.90	8	5	S
7 5/8	193.68	39.00	58.04	38.09	56.68	0.500	12.70	-	-	-	PLB	PLB	PLB	P	PLB	PLB	215.90	8	5	S
7 5/8	193.68	42.80	63.70	42.43	63.14	0.562	14.27	-	-	-	PLB	PLB	PLB	P	PLB	PLB	215.90	8	5	S
7 5/8	193.68	45.30	67.42	44.71	66.54	0.595	15.11	-	-	-	PLB	PLB	PLB	P	PLB	PLB	215.90	8	5	S
7 5/8	193.68	47.10	70.10	46.79	69.63	0.625	15.88	-	-	-	PLB	PLB	PLB	P	PLB	PLB	215.90	8	5	S
7 3/4	196.85	46.10	68.61	45.51	67.72	0.595	15.11	-	-	-	-	P	P	P	P	P	-	-	-	S
8 5/8	219.08	24.00	35.72	23.61	35.14	0.264	6.71	-	PS	PS	-	-	-	-	-	-	244.48	8	-	S/E*
8 5/8	219.08	28.00	41.67	27.04	40.24	0.304	7.72	PS	-	PS	-	-	-	-	-	-	244.48	8	-	S/E*
8 5/8	219.08	32.00	47.62	31.13	46.33	0.352	8.94	PS	PSLB	PSLB	-	-	-	-	-	-	244.48	8	5	S/E*

* Available only in J-55 & K-55

API PIPE LINES

DIMENSIONS, WEIGHTS AND END FINISH																				
Outside Diameter		Normal Weight T&C		Normal Weight Plain-end		Wall Thickness		TYPE OF FINISH GRADE								COUPLING OD	THREAD TYPES TPI		TYPE	
In.	mm	lb/ft.	Kg/mtr	lb/ft.	Kg/mtr	Inch	mm	H-40	J-55 K-55	M 65	L-80 R-95	N-80 Type-1,Q	C-90 T-95	C-110	P-110	Q-125	mm	STC LTC	BTC	S / E
85/8	219.08	36.00	53.58	35.17	52.35	0.400	10.16	-	PSLB	PSLB	PLB	PLB	PLB	P	-	-	244.48	8	5	S/E*
85/8	219.08	40.00	59.53	39.33	58.53	0.450	11.43	-	-	PLB	PLB	PLB	PLB	P	PLB	-	244.48	8	5	S/E*
85/8	219.08	44.00	65.48	43.43	64.64	0.500	12.70	-	-	-	PLB	PLB	PLB	P	PLB	-	244.48	8	5	S/E*
85/8	219.08	49.00	72.92	48.05	71.51	0.557	14.15a	-	-	-	PLB	PLB	PLB	P	PLB	PLB	244.48	8	5	S
95/8	244.48	32.30	48.07	31.05	46.20	0.312	7.92	PS	-	-	-	-	-	-	-	-	269.88	8	-	S/E*
95/8	244.48	36.00	53.58	34.89	51.93	0.352	8.94	PS	PSLB	PSLB	-	-	-	-	-	-	269.88	8	5	S/E*
95/8	244.48	40.00	59.53	38.97	57.99	0.395	10.03	-	PSLB	PSLB	PLB	PLB	PLB	P	-	-	269.88	8	5	S/E*
95/8	244.48	43.50	64.74	42.74	63.61	0.435	11.05	-	-	PLB	PLB	PLB	PLB	P	PLB	-	269.88	8	5	S/E*
95/8	244.48	47.00	69.95	46.19	68.75	0.472	11.99	-	-	PLB	PLB	PLB	PLB	P	PLB	PLB	269.88	8	5	S/E*
95/8	244.48	53.50	79.62	52.90	78.72	0.545	13.84	-	-	-	PLB	PLB	PLB	P	PLB	PLB	269.88	8	5	S
95/8	244.48	58.40	86.91	57.43	85.47	0.595	15.11	-	-	-	PLB	PLB	PLB	P	PLB	PLB	269.88	8	5	S
103/4	273.05	32.75	48.74	31.25	46.50	0.279	7.09	PS	-	-	-	-	-	-	-	-	298.45	8	-	S/E*
103/4	273.05	40.50	60.27	38.92	57.91	0.350	8.89	PS	PSB	PSB	-	-	-	-	-	-	298.45	8	5	S/E*
103/4	273.05	45.50	67.71	44.26	65.87	0.400	10.16	-	PSB	PSB	-	-	-	-	-	-	298.45	8	5	S/E*
103/4	273.05	51.00	75.90	49.55	73.75	0.450	11.43	-	PSB	PSB	PSB	PSB	PSB	P	PSB	-	298.45	8	5	S/E*
103/4	273.05	55.50	82.60	54.26	80.75	0.495	12.57	-	-	PSB	PSB	PSB	PSB	P	PSB	-	298.45	8	5	S/E*
103/4	273.05	60.70	90.33	59.45	88.47	0.545	13.84	-	-	-	-	-	PSB	P	PSB	PSB	298.45	8	5	S
103/4	273.05	65.70	97.78	64.59	96.12	0.595	15.11	-	-	-	-	-	PSB	P	PSB	PSB	298.45	8	5	S
113/4	298.45	42.00	62.51	40.65	60.50	0.333	8.46	PS	-	-	-	-	-	-	-	-	323.85	8	-	S
113/4	298.45	47.00	69.95	45.63	67.90	0.375	9.53	-	PSB	PSB	-	-	-	-	-	-	323.85	8	5	S
113/4	298.45	54.00	80.36	52.63	78.32	0.435	11.05	-	PSB	PSB	-	-	-	-	-	-	323.85	8	5	S
113/4	298.45	60.00	89.29	58.87	87.61	0.489	12.42	-	PSB	PSB	PSB	PSB	PSB	P	PSB	PSB	323.85	8	5	S
113/4	298.45	65.00	96.73	64.02	95.27	0.534	13.56	-	-	-	P	P	P	P	P	P	-	-	-	S
113/4	298.45	71.00	105.66	69.48	103.40	0.582	14.78	-	-	-	P	P	P	P	P	P	-	-	-	S
133/8	339.72	48.00	71.43	46.01	68.48	0.330	8.38	PS	-	-	-	-	-	-	-	-	365.12	8	-	S/E*
133/8	339.72	54.50	81.11	52.78	78.55	0.380	9.65	-	PSB	PSB	-	-	-	-	-	-	365.12	8	5	S/E*
133/8	339.72	61.00	90.78	59.50	88.55	0.430	10.92	-	PSB	PSB	-	-	-	-	-	-	365.12	8	5	S/E*
133/8	339.72	68.00	101.20	66.16	98.46	0.480	12.19	-	PSB	PSB	PSB	PSB	PSB	P	PSB	-	365.12	8	5	S/E*
133/8	339.72	72.00	107.15	70.70	105.21	0.514	13.06	-	-	-	PSB	PSB	PSB	P	PSB	PSB	365.12	8	5	S

* Available only in J-55 & K-55

S:Seamless S/E

E:ERW

Pup Joints, Coupling and Coupling Stock

Pup Joints

Pup Joints of Tubing (EUE / NUE) and Casing are available in length of 2 feet, 3 feet, 4 feet, 6 feet, 8 feet, 10 feet etc.

Coupling Stock

Coupling Stocks for all sizes of Casing and Tubing are available in the length of 3.0 to 12.0 mtrs.

Dimensions of the Coupling Stock and Couplings

I) CASING ROUND - THREAD COUPLING DIMENSIONS :

Size Outside Diameter	Major Diameter	Coupling				
		Outside mm	Minimum Length		Weight	
			Short mm	Long mm	Short kg	Long kg
Inch	mm	mm	Short mm	Long mm	Short kg	Long kg
4 1/2	114.30	127.00	158.75	177.80	3.62	4.15
5	127.00	141.30	165.10	196.85	4.66	5.75
5 1/2	139.70	153.67	171.45	203.20	5.23	6.42
6 5/8	168.28	187.71	184.15	222.25	9.12	11.34
7	177.80	200.03	184.15	228.60	8.39	10.83
7 5/8	193.70	215.90	190.50	234.95	12.30	15.63
8 5/8	219.08	244.48	196.85	254.00	16.23	21.67
9 5/8	244.48	269.88	196.85	266.70	18.03	25.45
10 3/4	273.05	298.45	203.20	-	20.78	-
11 3/4	298.45	323.85	203.20	-	22.64	-
13 3/8	339.72	365.12	203.20	-	25.66	-

Note :

- i) The size designation for the coupling is the same as the size designation for the pipe on which the coupling is used.
- ii) API Group 1, 2 and 3 - Tolerance on Coupling outside diameter, ± 1% but not greater than ± 3.18mm.
- iii) API Group 4 - Tolerance on Coupling outside diameter, ± 1% but not greater than +3.18mm, -1.59mm.

II) BUTTRESS THREAD CASING COUPLING DIMENSIONS:

Size		Major Diameter	Coupling		
Outside Diameter	Outside Diameter		Minimum Length	Weight	
Inch				mm	Regular kg
4 1/2	114.30	127.00	225.42	4.55	3.48
5	127.00	141.30	231.78	5.85	4.00
5 1/2	139.70	153.67	234.95	6.36	4.47
6 5/8	168.28	187.71	244.48	11.01	5.65
7	177.80	200.03	254.00	10.54	6.28
7 5/8	193.68	215.90	263.52	15.82	9.29
8 5/8	219.08	244.48	269.88	20.86	10.80
9 5/8	244.48	269.88	269.88	23.16	12.02
10 3/4	273.05	298.45	269.88	25.74	13.39
11 3/4	298.45	323.85	269.88	28.03	-
13 3/8	339.72	365.12	269.88	31.77	-

Note :

- i) The size designation for the coupling is the same as the size designation for the pipe on which the coupling is used.
- ii) API Group 1, 2 and 3 - Tolerance on Coupling outside diameter, ± 1% but not greater than ± 3.18mm.
- iii) API Group 4 - Tolerance on Coupling outside diameter, ± 1% but not greater than +3.18mm, - 1.59mm.

III) NON UPSET TUBING COUPLING DIMENSIONS :

Size		Major Diameter	Coupling		
Outside Diameter	Outside Diameter		Minimum Length	Weight	
Inch					mm
2 3/8	60.32	73.02	107.95	1.28	
2 7/8	73.02	88.90	130.18	2.34	
3 1/2	88.90	107.95	142.88	3.71	
4	101.60	120.65	146.05	4.35	
4 1/2	114.30	132.08	155.58	4.89	

- i) The size designation for the coupling is the same as the size designation for the pipe on which the coupling is used.
- ii) Tolerance on coupling outside diameter, ± 1%.

IV) EXTERNAL UPSET TUBING COUPLING DIMENSIONS :

Size		Outside Diameter	Coupling				
Outside Diameter	Inch		Outside Diameter		Minimum Length	Weight	
			Regular	Special Clearance		Regular	Special Clearance
	mm	mm	mm	mm	Kg	Kg	
2 3/8	60.32	77.80	73.91	123.82	1.55	1.07	
2 7/8	73.02	93.17	87.88	133.35	2.40	1.55	
3 1/2	88.90	114.30	106.17	146.05	4.10	2.38	
4	101.60	127.00	-	152.40	4.82	-	
4 1/2	114.30	141.30	-	158.75	6.05	-	

- i) The size designation for the coupling is the same as the size designation for the pipe on which the coupling is used.
- ii) Tolerance on Coupling outside diameter (Regular) ± 1%
- iii) Tolerance on Coupling outside diameter (Special Clearance) ± 0.38 mm.

DRILL PIPES

Drill Pipes are Seamless Steel Tubulars with Weld-On Tool Joints that are used to connect a drill rig's surface equipment with its drilling equipment at the bottom of a well. Drill Pipes are manufactured to withstand severe internal and external pressure, distortion, bending and vibration. Every weld is monitored, tested and recorded.



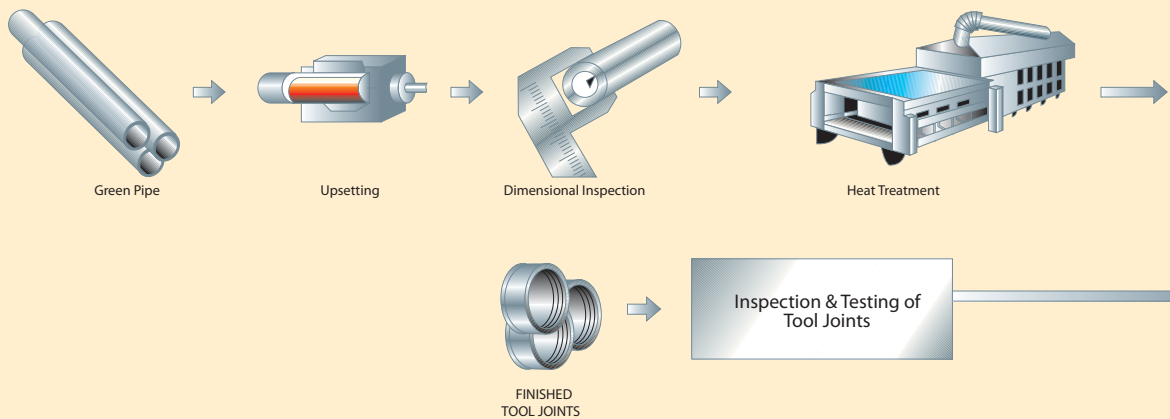
Upset Drill Pipes with Weld-On Tool Joints

Dimensions and Weights :

I) Grade E

Size (inch)	Nominal Weight		OD		WT		Tool Joint
	(lb / ft)	kg/mtr	inch	mm	inch	mm	
Internal Upset (IU)							
4	14.00	20.84	4.00	101.60	0.330	8.38	NC 40
4 1/2	13.75	20.46	4.50	114.30	0.271	6.88	NC 46
External Upset (EU)							
2 3/8	6.65	9.90	2.375	60.32	0.280	7.11	NC 26
2 7/8	10.40	15.48	2.875	73.02	0.362	9.19	NC 31
3 1/2	9.50	14.14	3.500	88.90	0.254	6.45	NC 38
3 1/2	13.30	19.79	3.500	88.90	0.368	9.35	NC 38
3 1/2	15.50	23.07	3.500	88.90	0.449	11.40	NC 38
4	14.00	20.84	4.000	101.60	0.330	8.38	NC 46
4 1/2	13.75	20.46	4.500	114.30	0.271	6.88	NC 50
4 1/2	16.60	24.70	4.500	114.30	0.337	8.56	NC 50
4 1/2	20.00	29.76	4.500	114.30	0.430	10.92	NC 50
Internal - External Upset (IEU)							
4 1/2	16.60	24.70	4.500	114.30	0.337	8.56	NC 46
4 1/2	20.00	29.76	4.500	114.30	0.430	10.92	NC 46
5	19.50	29.04	5.000	127.00	0.362	9.19	NC 50, 5 1/2 FH
5	25.60	38.10	5.000	127.00	0.500	12.70	NC 50, 5 1/2 FH
5 1/2	21.90	32.59	5.500	139.70	0.361	9.17	5 1/2 FH
	24.70	36.76	5.500	139.70	0.415	10.54	5 1/2 FH
6 5/8	25.20	37.50	6.625	168.28	0.330	8.38	6 5/8 FH
	27.70	41.22	6.625	168.28	0.362	9.19	6 5/8 FH

DRILL PIPE PROCESS FLOW CHART



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