

# Steel seamless hot-worked tubes for gas pipelines of gas-lifting systems and natural gas-field facilities construction

TU 14-3-1128-2000  
TU 14-3-1128-2005

Used for gas pipelines of oil-production gas-lifting systems and natural gas-field facilities construction (non-corrosive gas).

## Pipe dimensions and weight

Outside diameter, mm	Weight per meter, kg, for wall thickness, mm											
	4,0	4,5	5,0	5,5	6,0	6,5	7,0	7,5	8,0	8,5	9,0	9,5
57	5,23	5,83	6,41	6,99	7,55	8,10	-	-	-	-	-	-
60	5,52	6,16	6,78	7,39	7,99	-	-	-	-	-	-	-
60,3	5,55	6,19	6,82	7,43	8,03	-	-	-	-	-	-	-
63,5	5,87	6,55	7,21	7,87	8,51	-	-	-	-	-	-	-
70	6,51	7,27	8,02	8,75	9,47	-	-	-	-	-	-	-
73	6,81	7,60	8,39	9,16	9,91	10,66	11,39	12,12	12,82	13,52	14,21	14,88
76	7,10	7,94	8,76	9,56	10,36	11,14	11,91	12,67	13,42	14,15	14,87	15,58
83	7,79	8,71	9,62	10,51	11,39	12,26	13,12	13,96	14,80	15,62	16,43	17,22
89	8,39	9,38	10,36	11,33	12,28	13,23	14,16	15,07	15,98	16,88	17,76	18,63
95	8,98	10,04	11,10	12,14	13,17	14,19	15,19	16,18	17,16	18,13	19,09	20,03
102	9,67	10,82	11,96	13,09	14,21	15,31	16,40	17,48	18,55	19,60	20,64	21,67
108	10,26	11,49	12,70	13,90	15,09	16,27	17,44	18,59	19,73	20,86	21,97	23,08
114	10,85	12,15	13,44	14,72	15,98	17,23	18,47	19,70	20,91	22,12	23,31	24,48
121	-	-	14,30	15,67	17,02	18,35	19,68	20,99	22,29	23,58	24,86	26,12
127	-	-	15,04	16,48	17,90	19,32	20,72	22,10	23,48	24,84	26,19	27,53
133	-	-	15,78	17,29	18,79	20,28	21,75	23,21	24,66	26,10	27,52	28,93
140	-	-	-	-	19,83	21,40	22,96	24,51	26,04	27,57	29,08	30,57
146	-	-	-	-	20,72	22,36	24,00	25,62	27,23	28,82	30,41	31,98
152	-	-	-	-	21,60	23,32	25,03	26,73	28,41	30,08	31,74	33,39
159	-	-	-	-	22,64	24,45	26,24	28,02	29,79	31,55	33,29	35,03
168	-	-	-	-	-	-	27,79	29,69	31,57	33,44	35,29	37,13
180	-	-	-	-	-	-	29,87	31,91	33,93	35,95	37,95	39,95
194	-	-	-	-	-	-	32,28	34,50	36,70	38,89	41,06	43,23
203	-	-	-	-	-	-	33,84	36,16	38,47	40,77	43,06	45,33
219	-	-	-	-	-	-	36,60	39,12	41,63	44,13	46,61	49,08
245	-	-	-	-	-	-	41,09	43,93	46,76	49,58	52,38	55,17
273	-	-	-	-	-	-	45,92	49,11	52,28	55,45	58,60	61,73
299	-	-	-	-	-	-	-	-	57,41	60,90	64,37	67,83
325	-	-	-	-	-	-	-	-	62,54	66,35	70,14	73,92
351	-	-	-	-	-	-	-	-	-	-	75,91	80,01
377	-	-	-	-	-	-	-	-	-	-	81,68	86,10

## Pipe dimensions and weight (continued)

Outside diameter, mm	Weight per meter, kg, for wall thickness, mm												
	10,0	11,0	12,0	13,0	14,0	15,0	16,0	17,0	18,0	19,0	20,0	22,0	25,0
73	15,54	16,82	-	-	-	-	-	-	-	-	-	-	-
76	16,28	17,63	-	-	-	-	-	-	-	-	-	-	-
83	18,00	19,53	21,01	22,44	23,82	25,16	26,44	-	-	-	-	-	-
89	19,48	21,16	22,70	24,37	25,90	27,37	28,81	30,19	31,52	-	-	-	-
95	20,96	22,79	24,56	26,29	27,97	29,59	31,17	32,70	34,18	35,61	36,99	-	-
102	22,69	24,69	26,63	28,53	30,38	32,18	33,93	35,64	37,29	38,89	40,45	43,40	-
108	24,17	26,31	28,41	30,46	32,46	34,40	36,30	38,15	39,95	41,70	43,40	46,66	51,17
114	25,65	27,94	30,19	32,38	34,53	36,62	38,67	40,67	42,62	44,51	46,36	49,92	54,87
121	27,37	29,84	32,26	34,62	36,94	39,21	41,63	43,60	45,72	47,79	49,82	53,71	59,19
127	28,85	31,47	34,03	36,55	39,01	41,43	43,80	46,12	48,39	50,61	52,78	56,97	62,89
133	30,33	33,10	35,81	38,47	41,09	43,65	46,17	48,63	51,05	53,42	55,74	60,22	66,58
140	32,06	35,00	37,88	40,72	43,50	46,24	48,93	51,57	54,16	56,70	59,19	64,02	70,90
146	33,54	36,62	39,66	42,64	45,57	48,46	51,30	54,08	56,82	59,51	62,15	67,28	74,60
152	35,05	38,25	41,43	44,56	47,65	50,68	53,66	56,60	59,48	62,32	65,11	71,53	78,30
159	36,75	40,15	43,50	46,81	50,06	53,27	56,43	59,53	62,59	65,60	68,56	74,33	82,62
168	38,97	42,59	46,17	49,69	53,17	56,60	59,98	63,31	66,59	69,82	73,00	79,21	88,16
180	41,93	45,85	49,72	53,54	57,31	61,04	64,71	68,34	71,91	75,44	78,92	85,72	95,56
194	45,38	49,64	53,86	58,03	62,15	66,22	70,24	74,21	78,13	82,00	85,82	93,32	104,20
203	47,60	52,09	56,52	60,91	65,25	69,55	73,79	77,98	82,12	86,22	90,26	98,20	109,74
219	51,54	56,43	61,26	66,04	70,78	75,46	80,10	84,69	89,23	93,71	98,15	106,88	119,61
245	57,95	63,48	68,95	74,38	79,76	85,08	90,36	95,59	100,77	105,90	110,98	120,99	135,64
273	64,86	71,07	77,24	83,36	89,42	95,44	101,41	107,33	113,20	119,02	124,79	136,18	152,90
299	71,27	78,13	84,93	91,69	98,40	105,06	111,67	118,23	124,74	131,20	137,61	150,29	168,93
325	77,68	85,18	92,63	100,03	107,38	114,68	121,93	129,13	136,28	143,38	150,44	164,39	184,96
351	84,10	92,23	100,32	108,36	116,35	124,29	132,19	140,03	147,82	155,57	163,26	178,50	200,99
377	90,51	99,29	108,02	116,70	125,33	133,91	142,45	150,93	159,36	167,75	176,08	192,61	217,02

It is possible to made tube with dimensions not specified in this table.

Lengths supplied:

- 7,0 to 11,6 m. Length for tubes with wall thickness of no less than 16 mm is to be set as may be agreed by parties.

## Steel hardness:

Steel grade	Chemical compound according to
20	GOST 1050
09Г2С	GOST 19281

Obligatory requirements:

- hydraulic pressure test or non-destructive check;
- macrostructure control (for tubes with wall thickness of no less than 12 mm);
- chamfering;
- supply of tubes with standardized equivalent carbon content.

At customer's request it is possible to carry out:

- collapse test (for tubes with wall thickness of no more than 10 mm).