Seamless Tee Theoretical Weight Table KG/piece

OD	wall thickness mm													
	3	3.5	4	4.5	5	5.5	6	6.5	7	8	9	10	11	12
25	0.1	0.1	0.2	0.2	0.2									
27	0.1	0.2	0.2	0.2	0.2									
32	0.3	0.3	0.3	0.3	0.4	0.4	0.4							
34	0.3	0.3	0.3	0.4	0.4	0.4	0.4							
38	0.4	0.5	0.5	0.5	0.6	0.6	0.7							
42	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8					
45	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1					
48	0.7	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2					
51														
57	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.8	1.9	2.1		
60	1	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.1	2.2		
73	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.5	2.8	3.1	3.3	3.5	3.8
76	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.9	3.2	3.4	3.7	3.9
89	2	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.9	4.3	4.6	5.0	5.3
108	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	6.0	6.5	7.1	7.6	8.2
114	3.1	3.4	3.8	4.1	4.4	4.7	5.1	5.3	5.7	6.3	6.9	7.5	8.0	8.6
127														
133	4.3	4.8	5.2	5.7	6.2	6.6	7.0	7.5	7.9	8.8	9.6	10.	11.	12.
140	4.5	5.0	5.5	6.0	6.4	6.9	7.4	7.8	8.3	9.2	10.	11	11.	12.
159	5.9	6.6	7.2	7.9	8.5	9.1	9.7	10.	11	12.	13.	14.	15.	16.
168	6.9	6.9	7.6	8.2	8.9	9.5	10.	10.	11.	12.	14.	15.	17	18
219				13.	14.	15.	16.	17.	18.	20.	23	25.	27.	29.
273				20.	21.	23.	25.	26.	28.	31.	34.	37.	41.	44.
325				28.	30.	32.	35.	37.	39.	42	48.	53.	57.	62.
356							43.	45.	47.	53.	58.	64.	69.	75
377							44.	47.	50.	55.	61.	67.	72.	78.
406							52.	55.	59.	66.	72.	79.	86.	93
426										68.	75.	82.	89.	96.
457										83.	92.	101	110	118
480										87	96	105	114	123
508										104	115	125	136	146
529										107	118	129	140	151
610										139	154	168	183	197
630										143	157	172	187	201

Note: 1. The weights listed in the table are for equal tees.

2. Reducing tees are calculated according to the following ratios: First-stage reduction is calculated at 0.94, Second-stage reduction is calculated at 0.91, Third-stage reduction is calculated at 0.89.

3. Calculation formula: 0.02466 * (S + 1.5) * [D - (S + 1.5)] * (3C - D/2) / 1000. Where: S = wall thickness (mm), D = outer diameter (mm), and C = center-to-end dimension.

OD	13	14	15	16	17	18	19	20	22	24	25	26	28	30	32	34	36	38	40
76	13	14	15	16	17	18	19	20	22	24	25	26	28	30	32	34	36	38	40
89	5.6	6	6.3	6.5															
108	8.7	9.2	9.7	10.	10.														
114	9.1	9.7	10.	10.	11.	11.													
127																			
133	12.	13.	14.	15.	16	16.													
140	13.	14.	15.	15.	16.	17.	18.												
159	18.	19.	20.	21.	22.	23.	24.	25.	27.										
168	18.	20.	21.	22.	23.	24.	25.	26.	28.										
219	31.	33.	35.	37	39	40.	42.	44.	48.	51.									
273	47.	50.	53.	56.	59.	62.	65.	68.	74	79.	82.	85.	90.	96					
325	66.	70.	75.	79.	83.	88.	92.	96.	104	113	117	121	129	137	144	152			
356	80.	85.	90.	96.	101	106	112	117	127	137	142	146	156	166	175	184	194	203	212
377	84.	89.	95.	101	106	111	117	122	133	143	149	154	164	174	184	194	204	213	223
406	99.	106	113	119	126	132	139	145	158	170	177	188	195	207	219	231	243	254	266
426	103	110	117	124	131	137	144	151	163	177	183	190	202	215	228	240	252	264	276
457	127	135	143	152	160	168	176	185	201	217	225	233	249	264	280	295	311	326	340
480	131	140	149	157	166	175	183	192	209	225	234	242	259	275	291	307	323	339	354
508	157	167	178	188	199	209	219	229	250	270	280	290	309	325	348	368	387	405	425
529	162	172	183	194	205	215	226	236	257	278	288	299	319	339	360	380	399	419	438
610	211	225	239	253	267	281	295	309	337	364	378	391	418	445	472	498	525	551	577
630	216	230	245	259	274	288	302	316	345	373	387	401	429	456	483	511	538	564	591