

### SANITITE® HP TRENCH INSTALLATION DETAIL

**TABLE 1 RECOMMENDED NUMBER TRENCH JOINTS**

PIPE SIZE (IN)	MINIMUM JOINTS PER 100' (30.5M)
12" (305mm)	1
15" (381mm)	1
18" (457mm)	1
24" (610mm)	1
30" (762mm)	1
36" (914mm)	1
42" (1067mm)	1
48" (1219mm)	1
54" (1372mm)	1
60" (1524mm)	1
66" (1677mm)	1
72" (1829mm)	1
78" (1981mm)	1
84" (2134mm)	1
90" (2286mm)	1
96" (2438mm)	1
102" (2591mm)	1
108" (2743mm)	1
114" (2896mm)	1
120" (3048mm)	1
126" (3201mm)	1
132" (3353mm)	1
138" (3506mm)	1
144" (3658mm)	1
150" (3811mm)	1
156" (3963mm)	1
162" (4116mm)	1
168" (4268mm)	1
174" (4421mm)	1
180" (4573mm)	1
186" (4726mm)	1
192" (4878mm)	1
198" (5031mm)	1
204" (5183mm)	1
210" (5336mm)	1
216" (5488mm)	1
222" (5641mm)	1
228" (5793mm)	1
234" (5946mm)	1
240" (6098mm)	1
246" (6251mm)	1
252" (6403mm)	1
258" (6556mm)	1
264" (6708mm)	1
270" (6861mm)	1
276" (7013mm)	1
282" (7166mm)	1
288" (7318mm)	1
294" (7471mm)	1
300" (7623mm)	1

**TABLE 2 MINIMUM RECOMMENDED COVER BASED ON "STANDARD PRACTICE"**

PIPE SIZE (IN)	MINIMUM COVER (IN)	MINIMUM COVER (MM)
12" (305mm)	18"	457
15" (381mm)	24"	610
18" (457mm)	30"	762
24" (610mm)	36"	914
30" (762mm)	42"	1067
36" (914mm)	48"	1219
42" (1067mm)	54"	1372
48" (1219mm)	60"	1524
54" (1372mm)	66"	1677
60" (1524mm)	72"	1829
66" (1677mm)	78"	1981
72" (1829mm)	84"	2134
78" (1981mm)	90"	2286
84" (2134mm)	96"	2438
90" (2286mm)	102"	2591
96" (2438mm)	108"	2743
102" (2591mm)	114"	2896
108" (2743mm)	120"	3048
114" (2896mm)	126"	3201
120" (3048mm)	132"	3353
126" (3201mm)	138"	3506
132" (3353mm)	144"	3658
138" (3506mm)	150"	3811
144" (3658mm)	156"	3963
150" (3811mm)	162"	4116
156" (3963mm)	168"	4268
162" (4116mm)	174"	4421
168" (4268mm)	180"	4573
174" (4421mm)	186"	4726
180" (4573mm)	192"	4878
186" (4726mm)	198"	5031
192" (4878mm)	204"	5183
198" (5031mm)	210"	5336
204" (5183mm)	216"	5488
210" (5336mm)	222"	5641
216" (5488mm)	228"	5793
222" (5641mm)	234"	5946
228" (5793mm)	240"	6098
234" (5946mm)	246"	6251
240" (6098mm)	252"	6403
246" (6251mm)	258"	6556
252" (6403mm)	264"	6708
258" (6556mm)	270"	6861
264" (6708mm)	276"	7013
270" (6861mm)	282"	7166
276" (7013mm)	288"	7318
282" (7166mm)	294"	7471
288" (7318mm)	300"	7623
294" (7471mm)	306"	7776
300" (7623mm)	312"	7928
306" (7776mm)	318"	8081
312" (7928mm)	324"	8233
318" (8081mm)	330"	8386
324" (8233mm)	336"	8538
330" (8386mm)	342"	8691
336" (8538mm)	348"	8843
342" (8691mm)	354"	8996
348" (8843mm)	360"	9148
354" (8996mm)	366"	9301
360" (9148mm)	372"	9453
366" (9301mm)	378"	9606
372" (9453mm)	384"	9758
378" (9606mm)	390"	9911
384" (9758mm)	396"	10063
390" (9911mm)	402"	10216
396" (10063mm)	408"	10368
402" (10216mm)	414"	10521
408" (10368mm)	420"	10673
414" (10521mm)	426"	10826
420" (10673mm)	432"	10978
426" (10826mm)	438"	11131
432" (10978mm)	444"	11283
438" (11131mm)	450"	11436
444" (11283mm)	456"	11588
450" (11436mm)	462"	11741
456" (11588mm)	468"	11893
462" (11741mm)	474"	12046
468" (11893mm)	480"	12198
474" (12046mm)	486"	12351
480" (12198mm)	492"	12503
486" (12351mm)	498"	12656
492" (12503mm)	504"	12808
498" (12656mm)	510"	12961
504" (12808mm)	516"	13113
510" (12961mm)	522"	13266
516" (13113mm)	528"	13418
522" (13266mm)	534"	13571
528" (13418mm)	540"	13723
534" (13571mm)	546"	13876
540" (13723mm)	552"	14028
546" (13876mm)	558"	14181
552" (14028mm)	564"	14333
558" (14181mm)	570"	14486
564" (14333mm)	576"	14638
570" (14486mm)	582"	14791
576" (14638mm)	588"	14943
582" (14791mm)	594"	15096
588" (14943mm)	600"	15248
594" (15096mm)	606"	15401
600" (15248mm)	612"	15553
606" (15401mm)	618"	15706
612" (15553mm)	624"	15858
618" (15706mm)	630"	16011
624" (15858mm)	636"	16163
630" (16011mm)	642"	16316
636" (16163mm)	648"	16468
642" (16316mm)	654"	16621
648" (16468mm)	660"	16773
654" (16621mm)	666"	16926
660" (16773mm)	672"	17078
666" (16926mm)	678"	17231
672" (17078mm)	684"	17383
678" (17231mm)	690"	17536
684" (17383mm)	696"	17688
690" (17536mm)	702"	17841
696" (17688mm)	708"	17993
702" (17841mm)	714"	18146
708" (17993mm)	720"	18298
714" (18146mm)	726"	18451
720" (18298mm)	732"	18603
726" (18451mm)	738"	18756
732" (18603mm)	744"	18908
738" (18756mm)	750"	19061
744" (18908mm)	756"	19213
750" (19061mm)	762"	19366
756" (19213mm)	768"	19518
762" (19366mm)	774"	19671
768" (19518mm)	780"	19823
774" (19671mm)	786"	19976
780" (19823mm)	792"	20128
786" (19976mm)	798"	20281
792" (20128mm)	804"	20433
798" (20281mm)	810"	20586
804" (20433mm)	816"	20738
810" (20586mm)	822"	20891
816" (20738mm)	828"	21043
822" (20891mm)	834"	21196
828" (21043mm)	840"	21348
834" (21196mm)	846"	21501
840" (21348mm)	852"	21653
846" (21501mm)	858"	21806
852" (21653mm)	864"	21958
858" (21806mm)	870"	22111
864" (21958mm)	876"	22263
870" (22111mm)	882"	22416
876" (22263mm)	888"	22568
882" (22416mm)	894"	22721
888" (22568mm)	900"	22873
894" (22721mm)	906"	23026
900" (22873mm)	912"	23178
906" (23026mm)	918"	23331
912" (23178mm)	924"	23483
918" (23331mm)	930"	23636
924" (23483mm)	936"	23788
930" (23636mm)	942"	23941
936" (23788mm)	948"	24093
942" (23941mm)	954"	24246
948" (24093mm)	960"	24398
954" (24246mm)	966"	24551
960" (24398mm)	972"	24703
966" (24551mm)	978"	24856
972" (24703mm)	984"	25008
978" (24856mm)	990"	25161
984" (25008mm)	996"	25313
990" (25161mm)	1002"	25466
996" (25313mm)	1008"	25618
1002" (25466mm)	1014"	25771
1008" (25618mm)	1020"	25923
1014" (25771mm)	1026"	26076
1020" (25923mm)	1032"	26228
1026" (26076mm)	1038"	26381
1032" (26228mm)	1044"	26533
1038" (26381mm)	1050"	26686
1044" (26533mm)	1056"	26838
1050" (26686mm)	1062"	27091
1056" (26838mm)	1068"	27243
1062" (27091mm)	1074"	27396
1068" (27243mm)	1080"	27548
1074" (27396mm)	1086"	27701
1080" (27548mm)	1092"	27853
1086" (27701mm)	1098"	28006
1092" (27853mm)	1104"	28158
1098" (28006mm)	1110"	28311
1104" (28158mm)	1116"	28463
1110" (28311mm)	1122"	28616
1116" (28463mm)	1128"	28768
1122" (28616mm)	1134"	28921
1128" (28768mm)	1140"	29073
1134" (28921mm)	1146"	29226
1140" (29073mm)	1152"	29378
1146" (29226mm)	1158"	29531
1152" (29378mm)	1164"	29683
1158" (29531mm)	1170"	29836
1164" (29683mm)	1176"	30088
1170" (29836mm)	1182"	30241
1176" (29988mm)	1188"	30393
1182" (30141mm)	1194"	30546
1188" (30293mm)	1200"	30698
1194" (30446mm)	1206"	30851
1200" (30598mm)	1212"	31003
1206" (30751mm)	1218"	31156
1212" (30903mm)	1224"	31308
1218" (31056mm)	1230"	31461
1224" (31208mm)	1236"	31613
1230" (31361mm)	1242"	31766
1236" (31513mm)	1248"	31918
1242" (31666mm)	1254"	32071
1248" (31818mm)	1260"	32223
1254" (31971mm)	1266"	32376
1260" (32123mm)	1272"	32528
1266" (32276mm)	1278"	32681
1272" (32428mm)	1284"	32833
1278" (32581mm)	1290"	32986
1284" (32733mm)	1296"	33138
1290" (32886mm)	1302"	33291
1296" (33038mm)	1308"	33443
1302" (33191mm)	1314"	33596
1308" (33343mm)	1320"	33748
1314" (33496mm)	1326"	33901
1320" (33648mm)	1332"	34053
1326" (33801mm)	1338"	34206
1332" (33953mm)	1344"	34358
1338" (34106mm)	1350"	34511
1344" (34258mm)	1356"	34663
1350" (34411mm)	1362"	34816
1356" (34563mm)	1368"	34968
1362" (34716mm)	1374"	35121
1368" (34868mm)	1380"	35273
1374" (35021mm)	1386"	35426
1380" (35173mm)	1392"	35578
1386" (35326mm)	1398"	35731
1392" (35478mm)	1404"	35883
1398" (35631mm)	1410"	36036
1404" (35783mm)	1416"	36188
1410" (35936mm)	1422"	36341
1416" (36088mm)	1428"	36493
1422" (36241mm)	1434"	36646
1428" (36393mm)	1440"	