

## NeedleTech Tube Specifications

### 304 s.s. Full Hard -- 175k psi

Needle Gauge	Wall	OD Range	ID Range
6 RW	0.015	.2020 - .2040	.1700 - .1760
6 TW	0.010	.2020 - .2040	.1800 - .1860
6 ETW	0.007	.2020 - .2040	.1870 - .1910
7 RW	0.015	.1790 - .1810	.1470 - .1530
7 TW	0.010	.1790 - .1810	.1570 - .1630
7 ETW	0.007	.1790 - .1810	.1630 - .1690
8 RW	0.015	.1640 - .1660	.1320 - .1380
8 TW	0.010	.1640 - .1660	.1420 - .1480
8 ETW	0.007	.1640 - .1660	.1480 - .1540
9 RW	0.015	.1470 - .1490	.1150 - .1210
9 TW	0.010	.1470 - .1490	.1250 - .1310
9 ETW	0.006	.1470 - .1490	.1330 - .1390
10 RW	0.014	.1330 - .1350	.1040 - .1080
10 TW	0.010	.1330 - .1350	.1120 - .1160
10 ETW	0.008	.1330 - .1350	.1160 - .1200
10 UTW	0.006	.1330 - .1350	.1200 - .1240
11 RW	0.013	.1190 - .1210	.0920 - .0960
11 TW	0.010	.1190 - .1210	.0980 - .1020
11 ETW	0.008	.1190 - .1210	.1020 - .1060
11 UTW	0.006	.1190 - .1210	.1060 - .1100
12 RW	0.012	.1080 - .1100	.0830 - .0870
12 TW	0.009	.1080 - .1100	.0890 - .0930
12 ETW	0.007	.1080 - .1100	.0930 - .0970
12 UTW	0.005	.1080 - .1100	.0970 - .1010
13 RW	0.012	.0940 - .0960	.0690 - .0730
13 TW	0.009	.0940 - .0960	.0750 - .0790
13 ETW	0.007	.0940 - .0960	.0790 - .0830
13 UTW	0.005	.0940 - .0960	.0830 - .0870
14 RW	0.0100	.0820 - .0840	.0610 - .0650
14 TW	0.0080	.0820 - .0840	.0660 - .0685
14 ETW	0.0055	.0820 - .0840	.0710 - .0730
14 UTW	0.0045	.0820 - .0840	.0730 - .0760
15 RW	0.009	.0715 - .0725	.0525 - .0555
15 TW	0.006	.0715 - .0725	.0595 - .0615
15 ETW	0.005	.0715 - .0725	.0615 - .0635
15 UTW	0.004	.0715 - .0725	.0635 - .0655
16 RW	0.009	.0645 - .0655	.0455 - .0485
16 TW	0.006	.0645 - .0655	.0525 - .0545
16 ETW	0.005	.0645 - .0655	.0545 - .0565
16 UTW	0.004	.0645 - .0655	.0565 - .0585
17 RW	0.008	.0575 - .0585	.0405 - .0435
17 TW	0.005	.0575 - .0585	.0465 - .0485
17 ETW	0.004	.0575 - .0585	.0490 - .0510
17 UTW	0.003	.0575 - .0585	.0510 - .0530

Needle Gauge	Wall	OD Range	ID Range
18 RW	0.0085	.0495 - .0505	.0315 - .0345
18 TW	0.0060	.0495 - .0505	.0375 - .0395
18 ETW	0.0040	.0495 - .0505	.0410 - .0430
18 UTW	0.0030	.0495 - .0505	.0430 - .0450
19 RW	0.0075	.0415 - .0425	.0255 - .0285
19 TW	0.0050	.0415 - .0425	.0315 - .0335
19 ETW	0.0035	.0415 - .0425	.0340 - .0360
19 UTW	0.0025	.0415 - .0425	.0360 - .0380
20 RW	0.006	.0355 - .0360	.0230 - .0245
20 TW	0.005	.0355 - .0360	.0255 - .0270
20 ETW	0.004	.0355 - .0360	.0270 - .0285
20 UTW	0.003	.0355 - .0360	.0290 - .0305
21 RW	0.0060	.0320 - .0325	.0195 - .0210
21 TW	0.0045	.0320 - .0325	.0225 - .0240
21 ETW	0.0035	.0320 - .0325	.0245 - .0260
21 UTW	0.0025	.0320 - .0325	.0265 - .0280
22 RW	0.006	.0280 - .0285	.0155 - .0170
22 TW	0.004	.0280 - .0285	.0190 - .0205
22 ETW	0.003	.0280 - .0285	.0215 - .0230
22 UTW	0.002	.0280 - .0285	.0235 - .0250
23 RW	0.006	.0250 - .0255	.0125 - .0140
23 TW	0.004	.0250 - .0255	.0165 - .0180
23 ETW	0.003	.0250 - .0255	.0185 - .0200
23 UTW	0.002	.0250 - .0255	.0205 - .0220
24 RW	0.005	.0220 - .0225	.0115 - .0130
24 TW	0.004	.0220 - .0225	.0135 - .0155
24 ETW	0.003	.0220 - .0225	.0155 - .0170
24 UTW	0.002	.0220 - .0225	.0175 - .0190
25 RW	0.005	.0200 - .0205	.0095 - .0110
25 TW	0.004	.0200 - .0205	.0115 - .0130
25 ETW	0.003	.0200 - .0205	.0135 - .0150
25 UTW	0.002	.0200 - .0205	.0155 - .0170
26 RW	0.0040	.0180 - .0185	.0095 - .0110
26 TW	0.0030	.0180 - .0185	.0115 - .0130
26 ETW	0.0020	.0180 - .0185	.0130 - .0145
26 UTW	0.0015	.0180 - .0185	.0145 - .0155
27 RW	0.0040	.0160 - .0165	.0075 - .0090
27 TW	0.0030	.0160 - .0165	.0095 - .0110
27 ETW	0.0020	.0160 - .0165	.0115 - .0130
27 UTW	0.0015	.0160 - .0165	.0130 - .0140
28 RW	0.0035	.0140 - .0145	.0065 - .0080
28 TW	0.0025	.0140 - .0145	.0085 - .0100
28 ETW	0.0020	.0140 - .0145	.0100 - .0110
28 UTW	0.0015	.0140 - .0145	.0110 - .0120

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29 RW	0.0030	.0130 - .0135	.0065 - .0080
29 TW	0.0025	.0130 - .0135	.0080 - .0090
29 ETW	0.0020	.0130 - .0135	.0090 - .0100
29 UTW	0.0015	.0130 - .0135	.0100 - .0110
30 RW	0.0030	.0120 - .0125	.0055 - .0070
30 TW	0.0025	.0120 - .0125	.0070 - .0080
30 ETW	0.0020	.0120 - .0125	.0080 - .0090
30 UTW	0.0015	.0120 - .0125	.0090 - .0100
31 RW	0.0025	.0010 - .0105	.0040 - .0055
31 TW	0.0020	.0010 - .0105	.0055 - .0070
31 ETW	0.0015	.0010 - .0105	.0070 - .0080
31 UTW	0.0010	.0010 - .0105	.0080 - .0090
32 RW	0.0025	.0090 - .0095	.0035 - .0050
32 TW	0.0020	.0090 - .0095	.0050 - .0060
32 ETW	0.0015	.0090 - .0095	.0060 - .0070
32 UTW	0.0010	.0090 - .0095	.0070 - .0080
33 RW	0.0020	.0080 - .0085	.0035 - .0050
33 TW	0.0015	.0080 - .0085	.0050 - .0060
33 ETW	0.0010	.0080 - .0085	.0060 - .0070
34 RW	0.0020	.0070 - .0075	.0025 - .0040
34 TW	0.0015	.0070-.0075	.0040 - .0050
34 ETW	0.0010	.0070 - .0075	.0050 - .0060
35 RW	0.0015	.0050 - .0055	.0015 - .0030
35 TW	0.0010	.0050 - .0055	.0030 - .0040
36 RW	0.0015	.0040 - .0045	.0010 - .0020
36 TW	0.0010	.0040 - .0045	.0020 - .0030