



hypodermic needle tubing

Phillips & Johnston, Inc.

Stocked Sizes – 304 Stainless Steel, 3/4 to Full Hard

<i>Item</i>	<i>P&J P/N</i>	<i>Description</i>	<i>O.D. Tolerance</i>	<i>I.D. Tolerance</i>
33 GARW	543111	.008"OD x .002"W	.0080-.0085	.0035-.0050
31 GARW	513198	.010"OD x .003"W	.0100-.0105	.0040-.0055
30 GARW	513133	.012"OD x .003"W	.0120-.0125	.0055-.0070
29 GARW	513132	.013"OD x .003"W	.0130-.0135	.0065-.0080
28 GARW	513131	.014"OD x .004"W	.0140-.0145	.0065-.0080
27 GARW	513130	.016"OD x .004"W	.0160-.0165	.0075-.0090
26 GARW	513129	.018"OD x .004"W	.0180-.0185	.0095-.0110
25 GARW	513128	.020"OD x .005"W	.0200-.0205	.0095-.0110
25 GATW	513180	.020"OD x .004"W	.0200-.0205	.0115-.0130
24 GARW	513127	.022"OD x .005"W	.0220-.0225	.0115-.0130
24 GATW	513138	.022"OD x .004"W	.0220-.0225	.0135-.0155
23 GARW	513125	.025"OD x .006"W	.0250-.0255	.0125-.0140
23 GATW	513126	.025"OD x .004"W	.0250-.0255	.0165-.0180
22 GARW	513124	.028"OD x .006"W	.0280-.0285	.0155-.0170
22 GATW	531139	.028"OD x .004"W	.0280-.0285	.0190-.0205
21 GARW	513123	.032"OD x .006"W	.0320-.0325	.0195-.0210
21 GATW	513135	.032"OD x .005"W	.0320-.0325	.0225-.0240
20 GARW	513119	.035"OD x .006"W	.0355-.0360	.0230-.0245
20 GATW	513100	.035"OD x .005"W	.0355-.0360	.0255-.0270
19 GARW	513117	.042"OD x .008"W	.0415-.0425	.0255-.0285
19 GATW	513118	.042"OD x .005"W	.0415-.0425	.0315-.0335
18 GARW	513115	.050"OD x .008"W	.0495-.0505	.0315-.0345
18 GATW	513116	.050"OD x .006"W	.0495-.0505	.0375-.0395
17 GARW	513113	.058"OD x .008"W	.0575-.0585	.0405-.0435
17 GATW	513114	.058"OD x .005"W	.0575-.0585	.0465-.0485
16 GARW	513111	.065"OD x .009"W	.0645-.0655	.0455-.0485
16 GATW	513112	.065"OD x .006"W	.0645-.0655	.0525-.0545
15 GARW	513109	.072"OD x .009"W	.0715-.0725	.0525-.0555
15 GATW	513110	.072"OD x .006"W	.0715-.0725	.0595-.0615
14 GARW	513107	.083"OD x .010"W	.0820-.0840	.0610-.0650
14 GATW	513108	.083"OD x .008"W	.0820-.0840	.0660-.0685
13 GARW	513106	.095"OD x .012"W	.0940-.0960	.0690-.0730
13 GATW	513172	.095"OD x .009"W	.0940-.0960	.0750-.0790
12 GARW	513104	.109"OD x .012"W	.1080-.1100	.0830-.0870
12 GATW	513105	.109"OD x .009"W	.1080-.1100	.0890-.0930
11 GARW	513102	.120"OD x .013"W	.1190-.1210	.0920-.0960
11 GATW	513103	.120"OD x .010"W	.1190-.1210	.0980-.1020
10 GARW	513101	.134"OD x .014"W	.1330-.1350	.1040-.1080
9 GARW	513122	.148"OD x .015"W	.1470-.1490	.1150-.1210
8 GARW	513121	.165"OD x .015"W	.1640-.1660	.1320-.1380
7 GARW	513120	.180"OD x .015"W	.1790-.1810	.1470-.1530
6 GARW	513134	.203"OD x .015"W	.2020-.2040	.1700-.1760



hypodermic needle tubing

Our capabilities include:

- Cut to length
- Flared ends, expanded ends, swaged ends, rounded ends, bullet ends
- Needle tips
- Beveling
- Brazing/Welding
- Tumbling
- Slots
- Notches
- Grit blasting
- Centerless grinding
- Laser markings
- Coatings
- Threads
- OD and/or ID chamfer
- Holes
- Bends
- Electropolishing
- 304, 304L, 316, 316L, 17-7Ph
- Custom sizes and alloys available upon request
- Prototypes available upon request
- Next day delivery of stocked welded and drawn hypodermic needle tubing
- Stock & release programs tailored to customer needs

Phillips & Johnston, Inc. has specialized in fine tubular products since 1963. We have been successful in supplying hypodermic needle tubing to satisfy a wide range of medical applications. Our specialty is matching our customer's requirements to the most cost effective fabricating technology available.



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