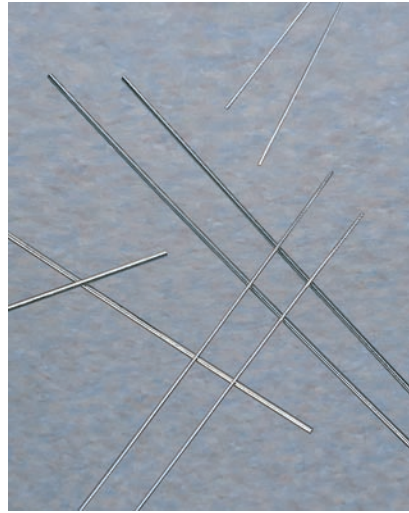


## Stainless Steel Tubing – Pre-cut Lengths

These packages of pre-cut Type 316 stainless tubing provide an economical solution to the problems that are caused by “seat-of-the-pants” cutting in the lab or field. They are priced to give a savings over the \$2 per cut charge for custom-cut tubing.

All tubing is electrolytically cut and specially steam-cleaned with micro-filtered steam from deionized water, which removes both organic and inorganic contaminants.



### 1/32" OD stainless tubing

### Pre-cut lengths

Length	.005" ID Prod No	.010" ID Prod No	.020" ID Prod No
<i>2 pieces per package</i>			
5 cm	T5N5D	T5N10D	T5N20D
10 cm	T10N5D	T10N10D	T10N20D
20 cm	T20N5D	T20N10D	T20N20D
30 cm	T30N5D	T30N10D	T30N20D
50 cm	T50N5D	T50N10D	T50N20D
100 cm	-	T100N10D	T100N20D
<i>10 pieces per package</i>			
5 cm	T5N5-10	T5N10-10	T5N20-10
10 cm	T10N5-10	T10N10-10	T10N20-10
20 cm	T20N5-10	T20N10-10	T20N20-10
30 cm	T30N5-10	T30N10-10	T30N20-10
50 cm	T50N5-10	T50N10-10	T50N20-10
100 cm	-	T100N10-10	T100N20-10
<i>50 pieces per package</i>			
5 cm	T5N5-50	T5N10-50	T5N20-50
10 cm	T10N5-50	T10N10-50	T10N20-50
20 cm	T20N5-50	T20N10-50	T20N20-50
30 cm	T30N5-50	T30N10-50	T30N20-50
50 cm	T50N5-50	T50N10-50	T50N20-50
100 cm	-	T100N10-50	T100N20-50
<i>100 pieces per package</i>			
5 cm	T5N5-100	T5N10-100	T5N20-100
10 cm	T10N5-100	T10N10-100	T10N20-100
20 cm	T20N5-100	T20N10-100	T20N20-100
30 cm	T30N5-100	T30N10-100	T30N20-100
50 cm	T50N5-100	T50N10-100	T50N20-100
100 cm	-	T100N10-100	T100N20-100

#### TECH TIP

Forty years of Valco experience show that the particles left in poorly cut tubing are the number one cause of valve damage.

5 cm	=	1.97"
10 cm	=	3.94"
20 cm	=	7.87"
30 cm	=	11.82"
50 cm	=	19.68"
100 cm	=	39.37"
0.12 mm	=	.005"
0.25 mm	=	.010"
0.50 mm	=	.020"
0.75 mm	=	.030"
1.0 mm	=	.040"
1.5 mm	=	.060"
2.0 mm	=	.080"
4.6 mm	=	.180"
6.0 mm	=	.236"
6.4 mm	=	.253"
7.0 mm	=	.275"
10.0 mm	=	.400"
27.0 mm	=	1.08"
1/32"	=	0.8 mm
1/16"	=	1.6 mm
1/8"	=	3.2 mm
1/4"	=	6.4 mm
3/8"	=	9.5 mm
1/2"	=	12.7 mm

## Stainless Steel Tubing – Pre-Cut Lengths



### 1" OD stainless tubing

*Pre-cut lengths*

Length	.005" ID		.010" ID		.020" ID		.030" ID		.040" ID	
	Prod No	Prod No	Prod No	Prod No	Prod No	Prod No	Prod No	Prod No	Prod No	Prod No
<i>5 pieces per package</i>										
5 cm	T5C5D	T5C10D	T5C20D	T5C30D	T5C40D					
10 cm	T10C5D	T10C10D	T10C20D	T10C30D	T10C40D					
20 cm	T20C5D	T20C10D	T20C20D	T20C30D	T20C40D					
30 cm	T30C5D	T30C10D	T30C20D	T30C30D	T30C40D					
50 cm	T50C5D	T50C10D	T50C20D	T50C30D	T50C40D					
100 cm	–	T100C10D	T100C20D	T100C30D	T100C40D					
<i>10 pieces per package</i>										
5 cm	T5C5-10	T5C10-10	T5C20-10	T5C30-10	T5C40-10					
10 cm	T10C5-10	T10C10-10	T10C20-10	T10C30-10	T10C40-10					
20 cm	T20C5-10	T20C10-10	T20C20-10	T20C30-10	T20C40-10					
30 cm	T30C5-10	T30C10-10	T30C20-10	T30C30-10	T30C40-10					
50 cm	T50C5-10	T50C10-10	T50C20-10	T50C30-10	T50C40-10					
100 cm	–	T100C10-10	T100C20-10	T100C30-10	T100C40-10					
<i>50 pieces per package</i>										
5 cm	T5C5-50	T5C10-50	T5C20-50	T5C30-50	T5C40-50					
10 cm	T10C5-50	T10C10-50	T10C20-50	T10C30-50	T10C40-50					
20 cm	T20C5-50	T20C10-50	T20C20-50	T20C30-50	T20C40-50					
30 cm	T30C5-50	T30C10-50	T30C20-50	T30C30-50	T30C40-50					
50 cm	T50C5-50	T50C10-50	T50C20-50	T50C30-50	T50C40-50					
100 cm	–	T100C10-50	T100C20-50	T100C30-50	T100C40-50					
<i>100 pieces per package</i>										
5 cm	T5C5-100	T5C10-100	T5C20-100	T5C30-100	T5C40-100					
10 cm	T10C5-100	T10C10-100	T10C20-100	T10C30-100	T10C40-100					
20 cm	T20C5-100	T20C10-100	T20C20-100	T20C30-100	T20C40-100					
30 cm	T30C5-100	T30C10-100	T30C20-100	T30C30-100	T30C40-100					
50 cm	T50C5-100	T50C10-100	T50C20-100	T50C30-100	T50C40-100					
100 cm	–	T100C10-100	T100C20-100	T100C30-100	T100C40-100					

### VOLUME CHART

Tubing ID	Volume		Tubing ID	Volume	
	µl/cm	µl/in		µl/cm	µl/in
.005"	0.13	0.32	.030"	4.56	11.58
.010"	0.51	1.29	.040"	8.11	20.59
.015"	1.14	2.90	.060"	18.24	46.33
.020"	2.03	5.15	.070"	24.83	63.06
.025"	3.17	8.04	.085"	36.61	92.99

Typical ID tolerances for our tubing are ±.001". This is much tighter than normal commercial grades of tubing; however, it is enough to result in noticeable error if exact volumes are not measured.