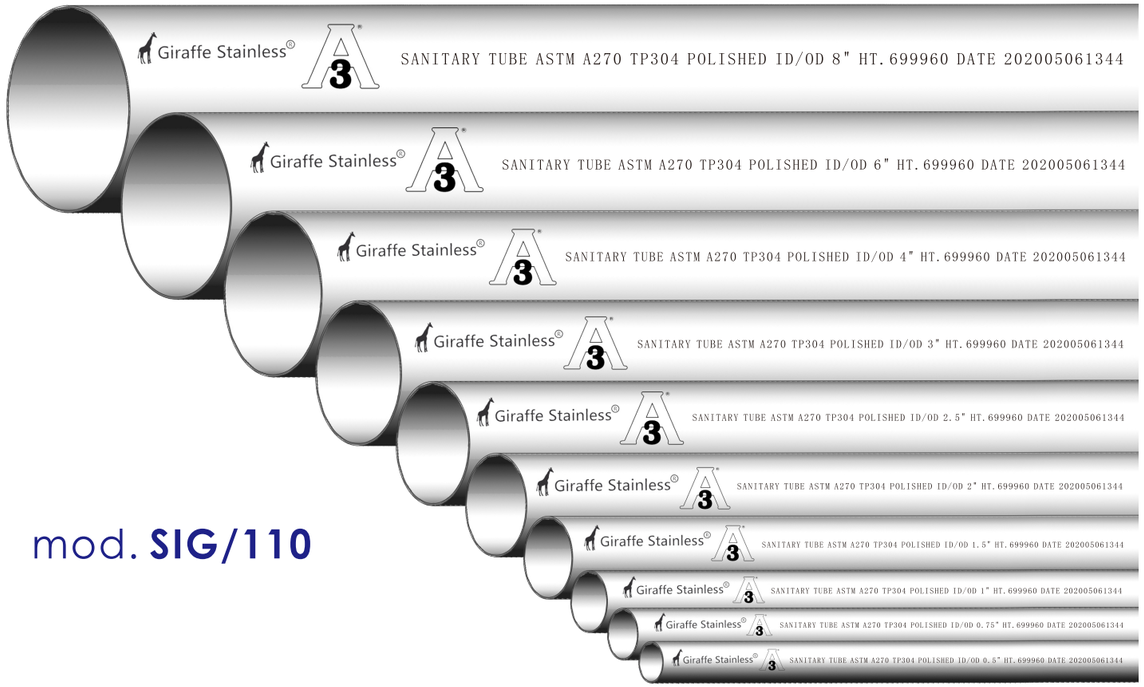
SANITARY A270 FOOD GRADE TUBE POLISHED



mod. **SIG/110**

Dimension "mm"	
OD[inch/mm]	WT[inch/mm]
1/2(12.7)	0.065"(1.65)
3/4"(19.05)	0.065"(1.65)
1"25.4)	0.065"(1.65)
1.5"(38.1)	0.065"(1.65)
2"(50.8)	0.065"(1.65)
2.5"(63.5)	0.065"(1.65)
3"(76.2)	0.065"(1.65)
4"(101.6)	0.083"(2.11)
6"(152.4)	0.109"(2.77)
8"(203.2)	0.109"(2.77)
10"(254.0)	0.120"(3.00)
12"(304.8)	0.134"(3.40)

Chemical Composition

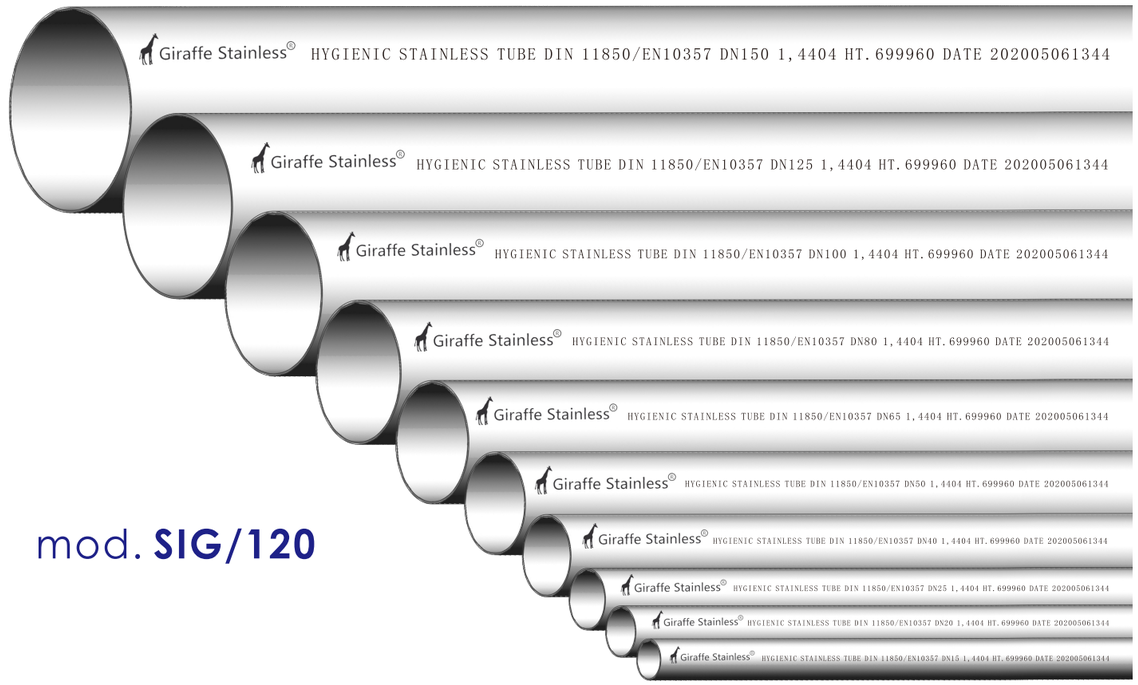
Elements		304L(wt%)	316L(wt%)
(C)	Carbon,max	0.035	0.035
(Mn)	Manganese,max	2.00	2.00
(P)	Phosphorus,max	0.040	0.040
(S)	Sulfur,max	0.030	0.030
(Si)	Silicon,max	0.75	0.75
(Ni)	Nickel	8.0-13.0	10.0-15.0
(Cr)	Chromium	18.0-20.0	16.0-18.0
(Mo)	Molybdenum	N/A	2.0-3.0
(Fe)	Iron	Bal.	Bal.
(Cu)	Copper	N/A	N/A
(N)	Nitrogen	N/A	N/A

Dimensional Tolerances

all dimensions in inches(mm)

Size OD	Nominal Wall	Outside Diameter	Length	Wall
1/2"(12.7)	0.065"(1.65)/0.049"(1.25)	+/-0.005(0.13)	+1/8"(3.18)-0	+/-10.0%
3/1"(19.1)	0.065"(1.65)/0.049"(1.25)	+/-0.005(0.13)	+1/8"(3.18)-0	+/-10.0%
1"(25.4)	0.065"(1.65)/0.049"(1.25)	+/-0.005(0.13)	+1/8"(3.18)-0	+/-10.0%
1-1/2"(38.1)	0.065"(1.65)/0.049"(1.25)	+/-0.008(0.20)	+1/8"(3.18)-0	+/-10.0%
2"(50.8)	0.065"(1.65)/0.049"(1.25)	+/-0.008(0.20)	+1/8"(3.18)-0	+/-10.0%
2-1/2"(63.5)	0.065"(1.65)	+/-0.010(0.25)	+1/8"(3.18)-0	+/-10.0%
3"(76.2)	0.065"(1.65)	+/-0.010(0.25)	+1/8"(3.18)-0	+/-10.0%
4"(101.6)	0.083"(2.11)	+/-0.015(0.38)	+1/8"(3.18)-0	+/-10.0%
6"(152.4)	0.083"(2.11)	+/-0.030(0.76)	+1"(25.4)-0	+/-10.0%
6"(152.4)	0.109"(2.77)	+/-0.030(0.76)	+1"(25.4)-0	+/-10.0%
8"(203.2)	0.109"(2.77)	+0.061(1.55) -0.031(0.79)	+1"(25.4)-0	+/-10.0%

EN10357 HYGIENIC TUBE POLISHED

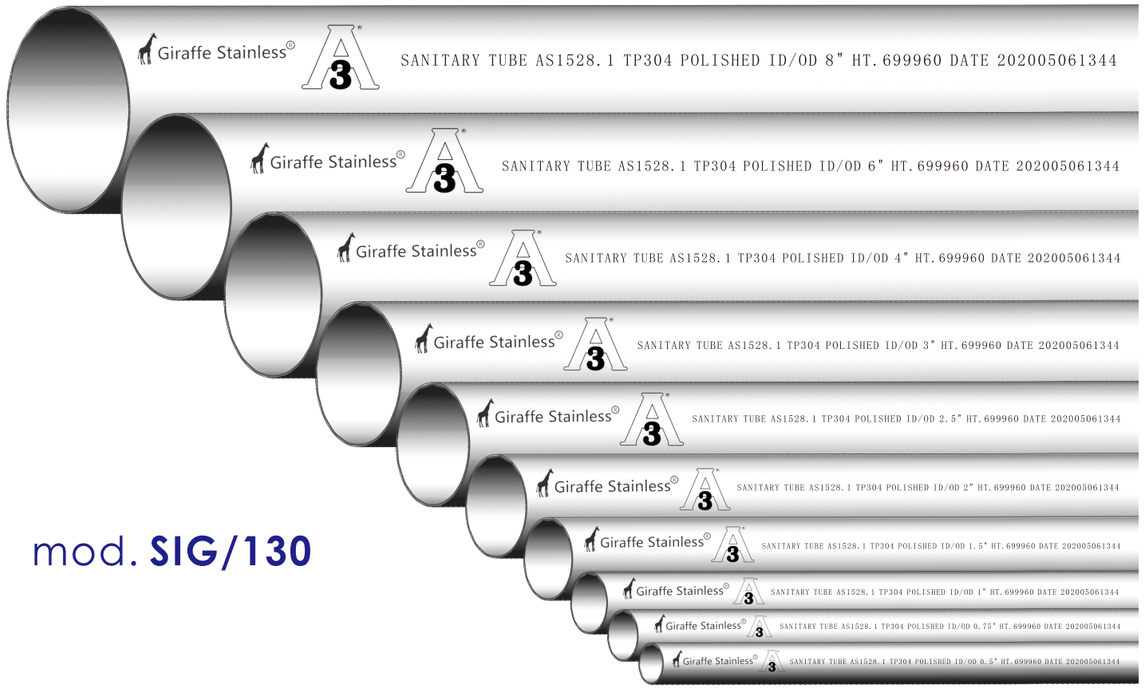


mod. **SIG/120**

Dimension "mm"		
Series 2	OD	WT
DN10	13	1.50
DN15	19	1.50
DN20	23	1.50
DN25	29	1.50
DN32	35	1.50
DN40	41	1.50
DN50	53	1.50
DN65	70	2.00
DN80	85	2.00
DN100	104	2.00
DN125	129	2.00
DN150	150	2.00

Code	Specifications	Pre-Materials	Surface Finish(max)		
CC	DIN11850 EN10357	1.4301 1.4404	ID	Welded as Seam-Less	Unpolished
			OD	Pickled	Unpolished
CD	DIN11850 EN10357	1.4301 1.4404	ID	Welded as Seam-less	Unpolished
			OD	Pickled & Polished	<0.8μm
BC	DIN11850 EN10357	1.4301 1.4404	ID	Welded as Seam-Less	Bright Annealed
			OD	Bright Annealed	Unpolished
BD	DIN11850 EN10357	1.4301 1.4404	ID	Welded as Seam-Less	Bright Annealed
			OD	Polished	<0.8μm
MP	DIN11850 EN10357	1.4301 1.4404	ID	<20RA	<0.5μm
			OD	<32RA	<0.8μm

AUSTRALIA SANITARY TUBE AS1528.1



mod. **SIG/130**

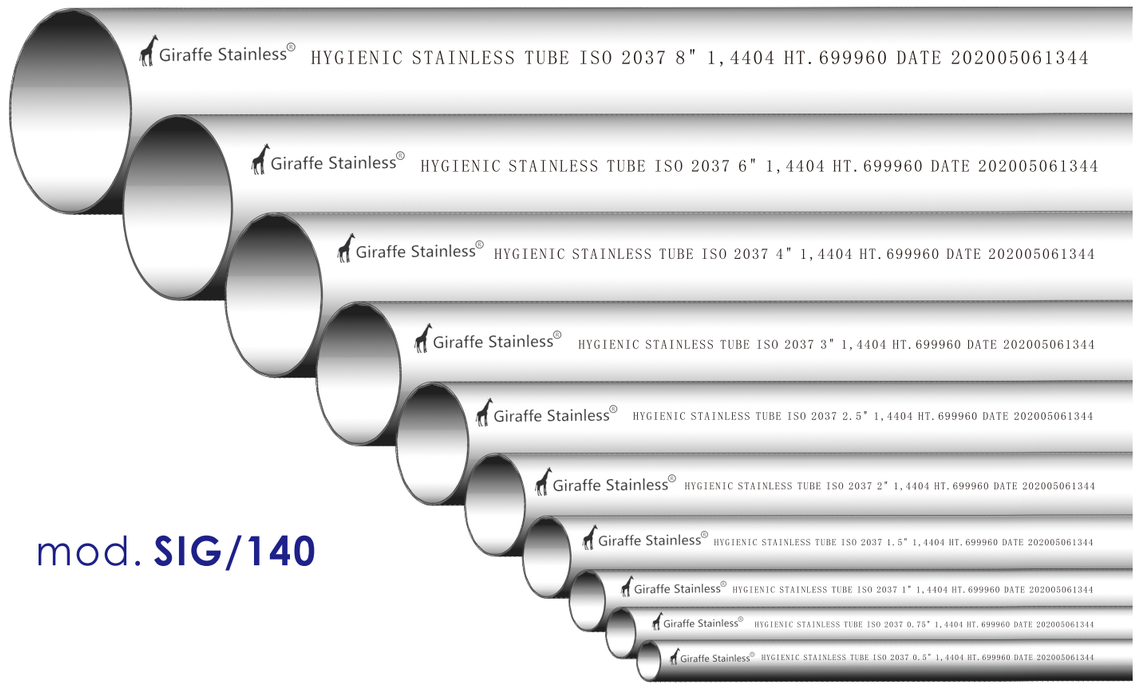
Dimension	
OD[inch/mm]	WT[inch/mm]
1/2(12.7)	1.60
3/4"(19.05)	1.60
1"25.4)	1.60
1.25"(31.8)	1.60
1.5"(38.1)	1.60
2"(50.8)	1.60
2.5"(63.5)	1.60
3"(76.2)	1.60
4"(101.6)	1.60
5"(127.0)	1.60
6"(152.4)	1.60
8"(203.2)	2.00

Code	Specifications	Pre-Materials	Surface Finish (max)		
SAS	AS1528.1	304L 316L	ID	Welded as Seam-Less	Unpolished
			OD	<32RA	<0.8□m

Chemical Composition

Elements		304L(wt%)	316L(wt%)
(C)	Carbon,max	0.035	0.035
(Mn)	Manganese,max	2.00	2.00
(P)	Phosphorus,max	0.040	0.040
(S)	Sulfur,max	0.030	0.030
(Si)	Silicon,max	0.75	0.75
(Ni)	Nickel	8.0-13.0	10.0-15.0
(Cr)	Chromium	18.0-20.0	16.0-18.0
(Mo)	Molybdenum	N/A	2.0-3.0
(Fe)	Iron	Bal.	Bal.
(Cu)	Copper	N/A	N/A
(N)	Nitrogen	N/A	N/A

ISO2037 SMS POLISHED TUBE



mod. **SIG/140**

Dimension"mm"		
S	OD	WT
1s	25.4	1.2
1.5s	38.1	1.2
2s	50.8	1.5
2.5s	63.5	1.5(KS)
2.5s	63.5	2.0(JIS)
3s	76.2	2.0
4s	101.6	2.0

Code	Specifications	Pre-Materials	Surface Finish(max)		
BA	A270 JIS G3447	304/316L SUS304/SUS316L	ID	Welded as Seam-Less	Unpolished
			OD	Pickled	Unpolished
BAP	A270 JIS G3447	304/316L SUS304/SUS316L	ID	Welded as Seam-less	Unpolished
			OD	<32RA	<0.8μm
MP	A270 JIS G3447	304/316L SUS304/SUS316L	ID	<20RA	<0.5μm
			OD	<20RA,32RA	<0.5μm,0.8μm