

Sanitary Tubes BS4825-1 / AS1528.1

Dimensional Tolerances

all dimensions in mm

Size OD	Tolerances, OD	Wall thickness	Tolerances on wall thickness	Tolerances on Length	Weight Kg/M
12,70	+/-0.1	1,20	+/-10.0%	+3, - 0	0.344
15,88	+/-0.1	1,20	+/-10.0%	+3, - 0	0.439
19,05	+/-0.1	1,20	+/-10.0%	+3, - 0	0.534
25,40	+/-0.1	1,20	+/-10.0%	+3, - 0	0.723
25,40	+/-0.1	1,60	+/-10.0%	+3, - 0	0.949
38,10	+/-0.1	1,20	+/-10.0%	+3, - 0	1.103
38,10	+/-0.1	1,60	+/-10.0%	+3, - 0	1.455
50,80	+/-0.1	1,20	+/-10.0%	+3, - 0	1.483
50,80	+/-0.1	1,60	+/-10.0%	+3, - 0	1.961
63,50	+/-0.1	1,60	+/-10.0%	+3, - 0	2.467
76,20	+/-0.1	1,60	+/-10.0%	+3, - 0	2.973
101,60	+/-0.1	2,00	+/-10.0%	+3, - 0	4.962
114,30	+/-0.38	2,00	+/-10.0%	+3, - 0	5.595
139,70	+/-0.38	2,00	+/-10.0%	+3, - 0	6.860
168,30	+/-0.76	2,60	+/-10.0%	+3, - 0	10.732
219,10	+/-1.55	2,60	+/-10.0%	+3, - 0	14.022

Material grades

Grade	Maximum carbon content%	Description
304S11	0.03	Seamless
304S31	0.07	Seamless
316S11	0.03	Seamless
316S13	0.03	Seamless
316S31	0.07	Seamless
316S33	0.07	Seamless
304S22	0.03	Welded
304S25	0.06	Welded
316S22	0.03	Welded
316S26	0.07	Welded

Marking

Each tube shall be legibly and indelibly marked, either on the tube or on a label or wrapping which shall be securely attached with the following information:

- the manufacturer's name or identification mark;
- the number of this British Standard, i.e. BS 4825-12);
- the outside diameter and thickness;
- material grade;
- cast or batch reference to identify the source of the material.

Example

XYZ BS 4825/1 25.4 1.6 304S14 A1234

***NOTE The purchaser should specify in his enquiry and/or order whether permanent continuous marking is required

Ordering:

Information to be supplied by the purchaser

- Materials and manufacture
- Dimensions
- Tolerances
- Surface finish
- Manufacturer's certificate
- Marking

