

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