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food

pharma

## Stainless steel welded tubes (Food, Pharma)

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| Standard | Description | Outside diameter | Ra internal / Ra weld | Ra external | Walll thickness | 304 | 304L | 316 | 316L |
|---|---|---|---|---|---|---|---|---|---|
| **EN10357 Serie A**<br>(DIN 11850 Range 2) | annealed, not annealed, polished, not polished | 13/19/23/29/35/41/53 x 1.5 mm<br>70/85/104/129/154/204 x 2 mm | ≤ 0.8 / 1.6 - CL1 | 1.0 | 1.5 mm, 2 mm | | ● | | ● |
| **EN10357 Serie B**<br>(DIN 11850 Range 1)<br>*Not in the table. but available* | annealed, not annealed, polished, not polished | 12/18/22/28/34/40/52 x 1 mm | ≤ 0.8 / 1.6 - CL1 | 1.0 | 1 mm | | ● | | ● |
| **Practice based**<br>*Not in the table. but available* | annealed, not annealed, polished, not polished | 12/18/22/28/34/40/52 x 1.5 mm | ≤ 0.8 / 1.6 - CL1 | 1.0 | 1.5 mm | | ● | | ● |
| **EN10357 Serie D**<br>(SMS 3008) | annealed, not annealed, polished | 25/38/51 x 1.2 mm<br>63.5/76.1 x 1.6 mm<br>101.6 x 2 mm | ≤ 0.8 / 1.6 - CL1 | 1.0 | 1.2 mm, 1.6 mm, 2 mm | | ● | | ● |
| **EN10357 Serie D**<br>(Dutch dairy)<br>*Not in the table. but available* | annealed, not annealed, polished | 25.4 x 1.25 mm<br>25.4/38.10 /50.80/63.50/76.1 x 1.5 mm<br>101.6 x 2 mm | ≤ 0.8 / 1.6 - CL1 | 1.0 | 1.25 mm, 1.5 mm, 2 mm | | ● | | ● |
| **EHEDG TRIPLE 0.8**<br>(DIN 11866 H3o) | annealed, polished | 13/19/23/29/35/41/53 x 1.5 mm<br>28/34/40/52 x 1.5 mm<br>70/85/104 x 2 mm | < 0.8 / 0.8 - CL2 | 0.8 | 1.5 mm, 2 mm | | | | ● |
| **HST-Q - EN10357 Serie A**<br>(DIN 11850 Range 2 - *W2Ab*) | annealed, pickled, polished | 23/29/35/41/53 x 1.5 mm<br>70/85/104/129/154/204 x 2 mm | ≤ 0.8 / 0.8 - CL2 | 0.8 | 1.5 mm, 2 mm | | ● | | ● |
| **ASME BPE SF1** | annealed, polished | 12.7/19.05/25.4/38.1/50.8/63.5/76.2 x 1.65 mm<br>101.6 x 2.11 mm<br>152.4 x 2.77 mm | ≤ 0.51/0.51 | 0.8 | 1.65 mm, 2.11 mm, 2.77 mm | | | | ● |
| **ASME BPE SF4** | annealed, polished | 12.7/19.05/25.4/38.1/50.8/63.5/76.2 x 1.65 mm<br>101.6 x 2.11 mm | ≤ 0.38/0.38 | 0.8 | 1.65 mm, 2.11 mm | | | | ● |
| **DIN11866 Range C**<br>(DIN 11866 H3o) | annealed, polished | 12.7/19.05/25.4/38.1/50.8/63.5/76.2 x 1.65 mm<br>101.6 x 2.11 mm<br>152.4 x 2.77 mm | ≤ 0.51/0.51 | 0.8 | 1.65 mm, 2.11 mm, 2.77 mm | | | | ● |
| **DIN11866 Range C**<br>(DIN 11866 HE4o) | annealed, polished | 12.7/19.05/25.4/38.1/50.8/63.5/76.2 x 1.65 mm<br>101.6 x 2.11 mm | ≤ 0.38/0.38 | 0.8 | 1.65 mm, 2.11 mm | | | | ● |

food

pharma

## Stainless steel welded fittings (Food, Pharma)

| Standard | Description | Outside diameter | Ra internal / Ra weld | Ra external | Walll thickness | 304/ 304L | 316 | 316L |
|---|---|---|---|---|---|---|---|---|
| **DIN 11851** | couplings (weld, expanding) | 13/19/23/29/35/41/53 x 1.5 mm<br>70/85/104/129/154/204 x 2 mm | ≤ 0.8/1.6 | 1.0 | 1.5 mm, 2 mm | ● | | ● |
| **EN10374 (DIN 11852) &**<br>**DIN 32676** | bends, tees, reducers<br>bottoms, ferrules<br>heavy duty clamps, seals | 12/18/22/28/34/40/52 x 1.5 mm<br>13/19/23/29/35/41/53 x 1.5 mm<br>70/85/104/129/154/204 x 2 mm | ≤ 0.8/1.6 | 1.0 | 1.5 mm, 2 mm | ● | | ● |
| **BS-4825** | bends, tees | 25.4/38.1/50.8/63.50/76.20 / x 1.6 mm<br>101.60 x 2 mm | ≤ 0.8/1.6 | | 1.6 mm, 2 mm | | | |
| **SMS** | couplings, bends, tees, reducers,<br>bottoms, ferrules<br>heavy duty clamps. seals | 25/38/51 x 1.20 mm<br>63.5/76.1 x 1.60 mm<br>101.60 x 2 mm | ≤ 0.8/1.6 | 1.0 | 1.2 mm, 1.6 mm, 2 mm | ● | | ● |
| **Nederlandse Zuivel** | bends, tees | 25.4 x 1.25 mm<br>25.4 /38.10/50.80/63.50/76.1 x 1.65 mm<br>101.60 x 2 mm | ≤ 0.8/1.6 | 1.0 | 1.2 mm, 1.5 mm, 2 mm | ● | | ● |
| **DIN 11864 FORM A**<br>1 screw coupling<br>2 flange coupling<br>3 clamp coupling | **HYGIENIC COUPLINGS**<br>1 nut, welding cone, thread piece, O-ring<br>2 male flange, female flange, O-ring<br>3 clamp, ferrules, O-ring | According to DIN/ISO/INCH | < 0.8/0.8 | 0.8 | DIN 1.5 mm, 2 mm / ISO 1.6 mm, 2 mm, 2.3 mm / INCH 1.65 mm, 2.11 mm | | | ● |
| **EHEDG TRIPLE 0.8** | bends, tees, reducers, bottoms,<br>ferrules, heavy duty clamps | 12/18/22/28/34/40/52 x 1.50 mm<br>13/19/23/29/35/41/53 x 1.50 mm<br>70/85/104/129/154/204 x 2 mm<br>25/38/51 x 1.20 mm<br>63.5/76.1 x 1.60 mm<br>101.60 x 2 mm | < 0.8/0.8 | 0.8 | 1.5 mm, 2 mm<br>1.2 mm,1.5 mm, 1.6 mm, 2 mm | ● | | ● |
| **HST-Q** | bends, tees | 13/19/23/29/35/41/53 x 1.50 mm<br>0/85/104/129/154/204 x 2 mm | ≤ 0.8 / 0.8 | 0.8 | 1.5 mm, 2 mm | | | ● |
| **ASME BPE SF1** | bends, tees, reducers, bottoms,<br>ferrules, heavy duty clamps | 12.7/19.05/25.4/38.1/50.8/63.5/<br>76.2 x 1.65 mm<br>101.6 x 2.11 mm<br>152.4 x 2.77 mm | ≤ 0.51/0.51 | 0.8 | 1.65 mm, 2.11mm, 2.77 mm | | | ● |
| **ASME BPE SF4** | bends, tees, reducers, bottoms,<br>ferrules, heavy duty clamps | 12.7/19.05/25.4/38.1/50.8/63.5/<br>76.2 x 1.65 mm<br>101.6 x 2.11 mm | ≤ 0.38/0.38 | 0.8 | 1.65 mm, 2.11 mm | | | ● |
| **DIN 11865 Range C**<br>(DIN 11866 H3o) | bends, tees, reducers, bottoms, ferrules. heavy<br>duty clamps | 12.7/19.05/25.4/38.1/50.8/63.5/<br>76.2 x 1.65 mm<br>101.6 x 2.11 mm<br>152.4 x 2.77 mm | ≤ 0.51/0.51 | 0.8 | 1.65 mm, 2.11 mm, 2.77 mm | | | ● |
| **DIN 11865 Range C**<br>(DIN 11866 HE4o) | bends, tees, reducers, bottoms, ferrules, heavy<br>duty clamps | 12.7/19.05/25.4/38.1/50.8/63.5/<br>76.2 x 1.65 mm<br>101.6 x 2.11 mm | ≤ 0.38/0.38 | 0.8 | 1.65 mm, 2.11 mm | | | ● |

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# Delivery Programme INOXCO

industry

construction

## Stainless steel welded tubes (Industry, Construction)

| Standard | Description | Outside diameter | | Ra internal / Ra weld | Ra external | Walll thickness | 304 | 304L | 316 | 316L |
|---|---|---|---|---|---|---|---|---|---|---|
| ASTM A312 (SCH10/SCH40) | annealed, not polished | DN ¼" through DN 6" | | N/A | | 1.65 mm through 7.11 mm | | ● | | ● |
| ISO 1127 Serie 1 | not annealed, not polished | 21.3/26.9/33.7/42.4/48.3/60.3/76.1/88.9/114.3/139.7 /168.3/219.1 x 2 mm | | | | 1.6 mm through 2 mm | | ● | | ● |
| Seamless precision tubes EN10216-5 | annealed | 6 x 1mm<br>8 x 1mm | 10 x 1.5 mm<br>12 x 1.5 mm<br>15 x 2 mm | | | 1 mm through 2 mm | | | ● | |
| Round construction tubes | not polished, polished | Ø 21.30 mm t/m<br>Ø 168.3 mm | | | | 1 mm through 4 mm | | ● | | |
| Square construction tubes | matt, exterior cut 320 - only 304L | 10 mm x 10 mm<br>through 120 x 120 mm | | | | 1 mm through 6 mm | | ● | | |
| Rectangular construction tubes | matt, exterior cut 320 - only 304L | 20 mm x 10 mm<br>through 180 mm x 60 mm | | | | 1 mm through 5 mm | | ● | | |

indsutry

## Stainless steel welded fittings (Industry)

| | | | | | | |
|---|---|---|---|---|---|---|
| ASTM A403 (SCH10S/SCH40S) | bends, tees, reducers, welding collars, bottoms | DN ¼" through DN 6" | N/A | 1,65 mm through 7,11 mm | ● | ● |
| EN10253-3 | bends, tees, reducers, welding collars, bottoms | 21.3/26.9/33.7/42.4/48.3/60.3/76.1/88.9/ 114.3/139.7/168.3/219.1/254 x 2 mm | | 1,6 mm through 2 mm | ● | ● |
| BSP threaded fittings | forged/turned | DN ⅛" through DN 4" | | 10 bar | ● | |
| Cutting ring fittings | couplings, bends, tees, reducers | 6 mm through 15 mm | | 100 bar | ● | |

## Flexible hoses I Workshop (Food, Pharma, Industry)

- Food hoses, pharmaceutical hoses, industrial hoses, specials, couplings
- Own workshop: Crimping of coupling parts to hoses / Welding of special connections and couplings / Orbital welding (closed head) - automatic welding / Mechanical and electrolytic polishing of couplings and components / Pressure testing and certifying hoses on our press up to 4000 Bar / Inspection with our endoscope and pressure testing of hoses on-site / Laser engraving

## Pre-insulated pipes (Food)

- The core pipe material can be stainless steel, steel, or plastic.
- The outer jacket is available in aluminum, stainless steel, or plastic (HDPE).

## Stainless steel valves, filters, and sight glasses (Food, Pharma)

| Description | Dimension |
|---|---|
| EHEDG butterfly valves | DN 25 through DN 150 I DN 1" through DN 6" |
| Ball valves | DN 25 through DN 100 I DN 1" through DN 4" |
| Check valves | DN 25 through DN 100 I DN 1" through DN 4" |
| Filters | DN 25 through DN 100 I straight or angle |
| Sight glasses | DN 10 through DN 150 I DN ⅜" through DN 6" |
| Aseptic diaphragm valves | DN ½" through DN 4" |
| Single seat valves | DN 25 through DN 150 I 1" - 6" |
| Double seat valves | DN 40 through DN 150 I 1.5" - 6" |
| Sanitary 3-way-valves | DN 10 through DN 150 I 1" - 4" |
| Angle valves | DN 25 through DN 150 I 1" - 6" |
| Sampling valves | DN 6 - DN1 0 - DN 15 - DN 25 |
| Control and safety valves | |

## Flanges and seals

| Standard | Description | Dimension |
|---|---|---|
| EN1092-1 Stainess steel | Welding neck flange (11B) | PN10/ PN16 /PN40 |
| | Slip-on flange (01A) | |
| | Blind flange (05A) | |
| | Threaded flange (13B) | |
| Aluminium | Lap-joint flange (02A) | PN10 |

## Stainless steel valves (Industry)

| Description | Dimension |
|---|---|
| Ball valves | DN 25 through DN 100 I DN ¼" through DN 4" |
| Check valves | DN ¼" through DN 1.5" |

## Stainless steel tube supports

| Description | Excecution | Dimension | Wall thickness |
|---|---|---|---|
| Tube supports (sets) with threaded rod / square tube<br>U-bolts | Light and solid | Ø 6 mm through 219.1 mm | 2 mm through 5mm |



ASME BPE 2024

## Stainless steel bars and profiles (Industry)

| Description | | Dimension | Thickness |
|---|---|---|---|
| Flat | Slit or rolled steel | 20 mm through 120 mm | 3 mm through 10 mm |
| Round | Drawn or rolled steel | 3 mm through 30 mm | |
| L-profile equal | Rolled steel | 20 mm through 70 mm | 3 mm through 7 mm |

## Manholes - Stainless steel / Steel

- Round, oval, rectangular, square, customized (on request)
- Pressure up to10 bar, pressureless

## Process Equipment for the Food and Pharmaceutical Industry

- In addition to stainless steel components, Gillain & Co distributes a full range of process equipment from top global manufacturers, specifically designed for the food and pharmaceutical industries. This includes pumps, valves, automation, instrumentation, heat exchangers, pigging systems, rupture disks, tank equipment (mixers, agitators, load cells, cleaning systems, spray balls, sampling valves, container emptying, automatic can openers, wet mills, ...).
- **As part of Heleon Group, Gillain & Co possesses a wealth of technical knowledge and experience for all applications in the (ultra)-hygienic process industry. Do you have a specific question or are you looking for the right pump, heat exchanger, or other process equipment that delivers maximal efficiency for your application? Need advice on process optimization, original replacement parts, production expansion, or a new project? Call us at +32 (0)3 870 60 80 or send an email to advice@gillain.com**

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