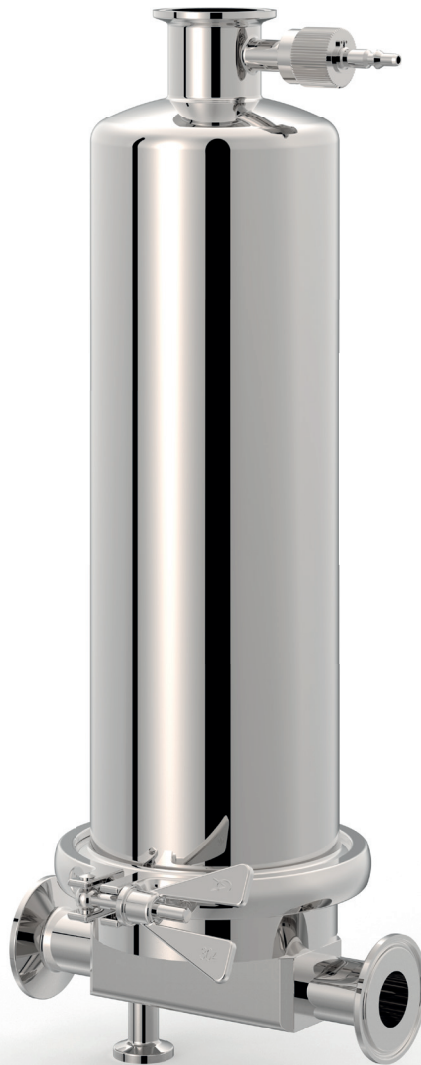


Colly
Filter



STL Series

FILTER HOUSINGS
SANITARY LIQUID FILTRATION

APPLICATIONS

Fine filtration of liquids

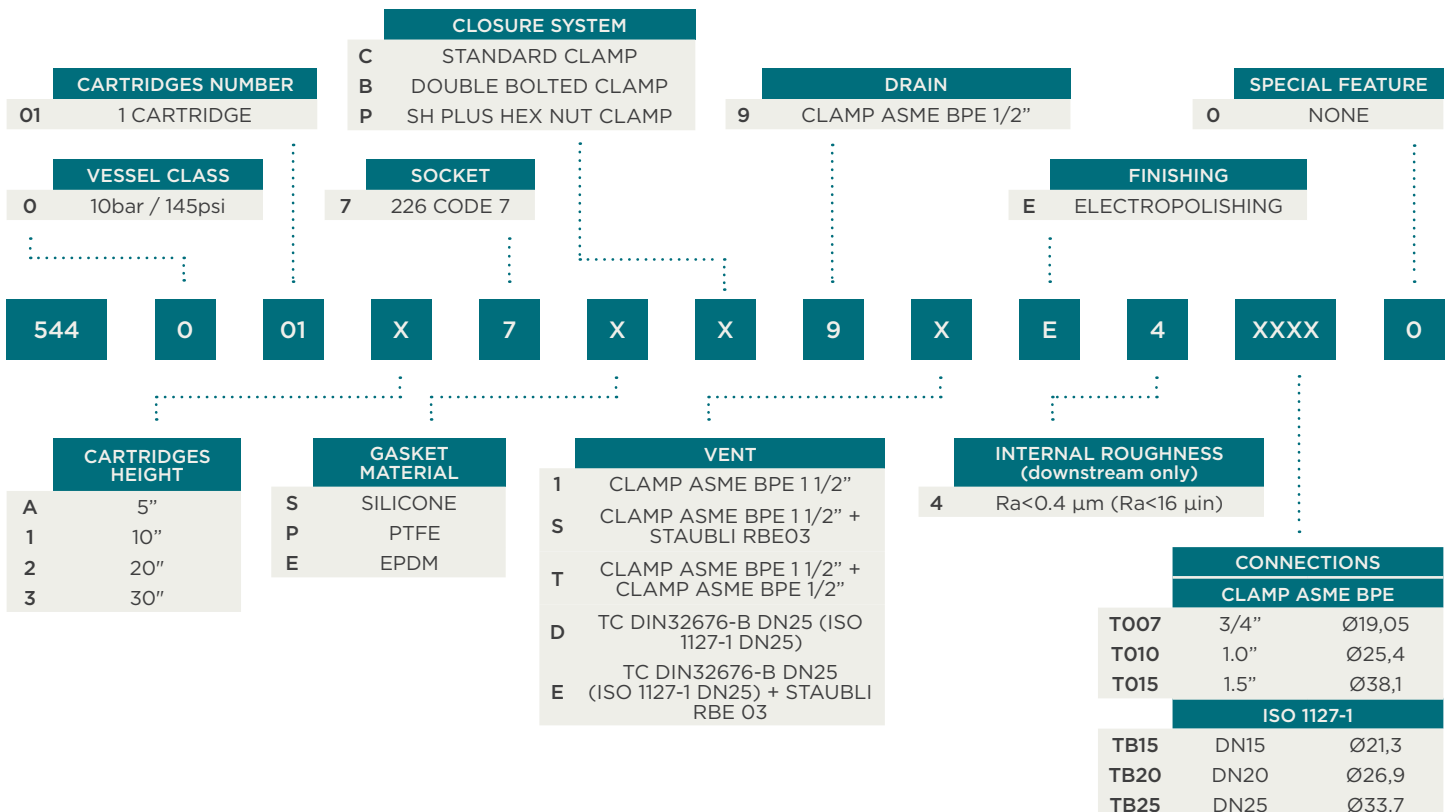


FEATURES & BENEFITS

Sanitary T-style Liquid cartridge filter housing can fit CODE-7 cartridges from 5" up to 30". Designed with a stainless steel AISI 316L machined baseplate and self-drainable concept, ensuring minimal product loss. Manufactured in stainless steel AISI 316L with standard internal electropolished surface Ra<0.4 μm (16μin), and no dead legs. Working conditions: 10bar (145psi) @ 150°C (302°F). Lateral port is directly welded on the vent connection to ensure easy connection for integrity test.

- **Single cartridge 5" to 30"**, CODE 7 (226 double O-ring w. Top bayonet) and Clamp I/O connections
- **Multi cartridges 3, 5, and 8 rounds available**
- **Self-drainable design guarantee minimum product loss**
- **Welding map records with full traceability**
- **Lateral sanitary bleed valve vent with Staubli-type connection for in-situ integrity testing**
- Suitable for critical Bioprocess fluids applications
- **Pharma grade surface finishing**
- **Steam- Sterilizable Up to 150°C (302°F)**
- Sanitary crevice free hygienic design and electro- polished surfaces guarantee enhanced cleanability
- **AISI 316L, 1.4404, Stainless Steel and automatic welding ensure corrosion resistance and durability**
- Food grade compliance (CE 1935/2004)
- Wide choice of FDA and USP Class VI Gasket Materials
- Materials full traceability
- Designed according to Pressure Equipment Directive (PED)
- Meets Certification according to Atmosphere Explosible, ATEX, Compliance
- **Wide range certificates available upon request (Material Certificate, Roughness, FDA, etc.)**
- Customizable with optional accessories and features on request
- User-Manual and Declaration of Conformity included

SELECTION CRITERIA

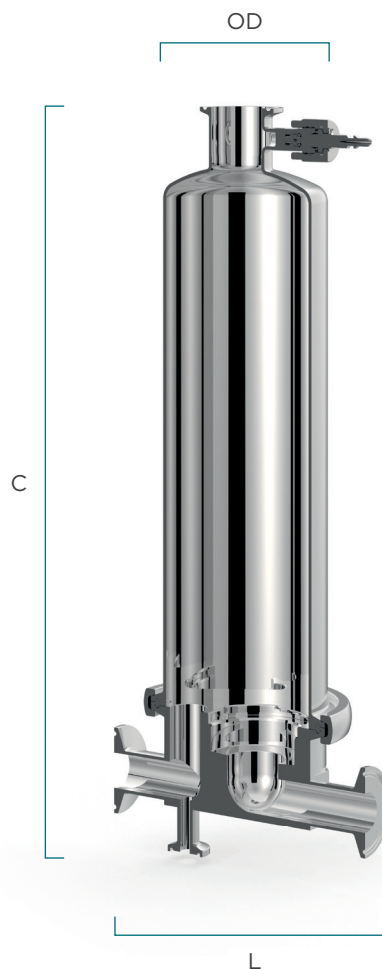


SPECIFICATIONS

Dimensions are for standard housings with TC connections. More options available on request.
All dimensions are in mm (inches).

| No Cartridges | Cartridges Height | L | C | OD |
|---------------|-------------------|------------|-------------|-----------|
| 1 | 5" | 171 (6.73) | 342 (13.46) | 101.6 (4) |
| 1 | 10" | 171 (6.73) | 442 (17.40) | 101.6 (4) |
| 1 | 20" | 171 (6.73) | 692 (27.24) | 101.6 (4) |
| 1 | 30" | 171 (6.73) | 942 (37.08) | 101.6 (4) |

| | |
|---|--|
| Materials of Constructions (Wetted Parts) | AISI 316L / 1.4404 |
| No. Of Cartridges | 1 |
| Cartridges Height | 5", 10", 20", 30" |
| Cartridge Socket | 226 CODE 7 |
| In/Out Connections | Clamp ASME BPE, TC DIN32676-B (ISO 1127-1) |
| Drain | Clamp ASME BPE |
| Vent | Clamp ASME BPE, STAUBLI RBE 03, TC DIN32676-B (ISO 1127-1) |
| Pressure (PS) min-max | -1 ÷ 10 bar (-14 ÷ 145 psi) |
| Temperature (TS) min-max | -20 ÷ 150°C (-4 ÷ 302°F) |
| External Surface | Mirror Polished and Electro Polished : Ra<1.2µm (Ra<48µin) |
| Internal Surface | Mirror Polished and Electro Polished: Ra<0.4µm (Ra<16µin) |
| ATEX Regulation | Compliant with EU Directive |
| PED 2014/68/EU | Liquid and Gas, PED Fluid Group 1&2 |
| Design Code | EN 13445 |
| Housing and Gasket Compliance | EU 1935/2004 - FDA - USP VI |



ACCESSORIES

Full list of accessories and spare parts available on request.

VENT TC 1.5" DIAPHRAGM P.GAUGE + SANITARY VALVE



SAMPLING TEST TC + CLAMP

