

Colly **Filter**



Pharmaceutical



Chemical



TRK Series

**FILTER HOUSINGS
LIQUID AND GAS FILTRATION**

APPLICATIONS

Pharmaceutical fluids

Chemical fluids

Solvents



FEATURES & BENEFITS

Heavy Duty Single and Multi Round filter housings, designed for high temperature dangerous fluids.

- Full range from 1 to 8 cartridges, from 5" to 40", with different sockets and connections
- Lateral sanitary bleed valve vent option
- Pharma grade surface finishing
- Laser etched customizable logo
- Heavy duty design with safe closure system
- Suitable for SIP and CIP
- Materials full traceability
- 316L/1.4404 Stainless Steel and automatic welding ensure corrosion resistance, durability and consistent quality and accuracy
- Designed according to Pressure Equipment Directive (PED)
- ATEX Compliance
- Gasket Compliance: FDA and USP Class VI
- Customizable with optional accessories
- User-manual and declaration of conformity included
- Certificates: 3.1 EN 10204

SELECTION CRITERIA

CARTRIDGES NUMBER		DRAINS		VENT		AVAILABLE FOR NO. CARTRIDGES		INTERNAL ROUGHNESS		CARTRIDGES NUMBER	
01	1 CARTRIDGE	0	NO DRAINS	1	CLAMP ASME BPE 1.5" (1)	01; 03; 05; 08		8	Ra<0.8µm (Ra<32µin) (1)	01;03;05;08	
03	3 CARTRIDGES	2	2 DRAINS TC 1.5 (1) <i>Single round with TC 1.0"</i>	2	DIN 11851 DN25	01; 03; 05; 08					
05	5 CARTRIDGES	3	DIN11851 MALE PART DN25	3	FLANGE EN 1092 DN20	01; 03; 05; 08		4	Ra<0.4µm (Ra<16µin)	01; 03; 05	
08	8 CARTRIDGES	4	FLANGE EN1092-1 PN16 DN20	4	FLANGE ASME 150lb 3/4"	01; 03; 05; 08					
		5	FLANGE ASME 150lb 3/4"	H	CLAMP 1.5" & HOSEBARB	01; 03; 05					
				R	CLAMP 1.5" & RECTUS 21	01; 03; 05					
				S	CLAMP 1.5" & STAUBLI RBE 03	01; 03; 05					
				T	CLAMP 1.5" & CLAMP 0.5"	01; 03; 05					
GASKET MAT		FINISHING		SPECIAL FEATURE							
S	SILICONE (1)	M	MECHANICAL POLISHING (1)	O	NONE (1)						
E	EPDM	E	ELECTROPOLISHING	D	INLET DRAIN ONLY						
P	PTFE (for single round only)										
V	VITON										
535	XX	X	X	X	X	X	X	X	XXXX	X	
CARTRIDGES HEIGHT		CONNECTIONS		AVAILABLE FOR NO. CARTRIDGES		BUTT WELD ASME BPE		ASME FLANGES		EN FLANGES	
A	5"	CLAMP ASME BPE				W025	Ø25,4 x 1,65	01(1)			
1	10"	T010	1" Ø25,4	01(1)		W038	Ø38,1 x 1,65	01; 03(1); 05; 08			
2	20"	T015	1.5" Ø38,1	01; 03(1); 05; 08		W051	Ø50,8 x 1,65	05; 08(1)			
3	30"	T020	2" Ø50,8	05(1); 08(1)		W063	Ø63,5 x 1,65	08; 12(1); 18(1); 24(1); 30			
4	40"	T025	2.5" Ø63,5	08		W076	Ø76,2 x 1,65	08; 12; 18; 24; 30(1)			
		T030	3" Ø76,2	08							
SOCKET		DIN 11851 MALE PART									
7	226 CODE 7 (1)	D025	DN25 Ø25,4	01(1)							
8	222 CODE 8	D040	DN40 Ø38,1	01; 03(1); 05; 08							
		D050	DN50 Ø50,8	05; 08(1)							
		D065	DN65 Ø63,5	08							
		D080	DN80 Ø76,2	08							

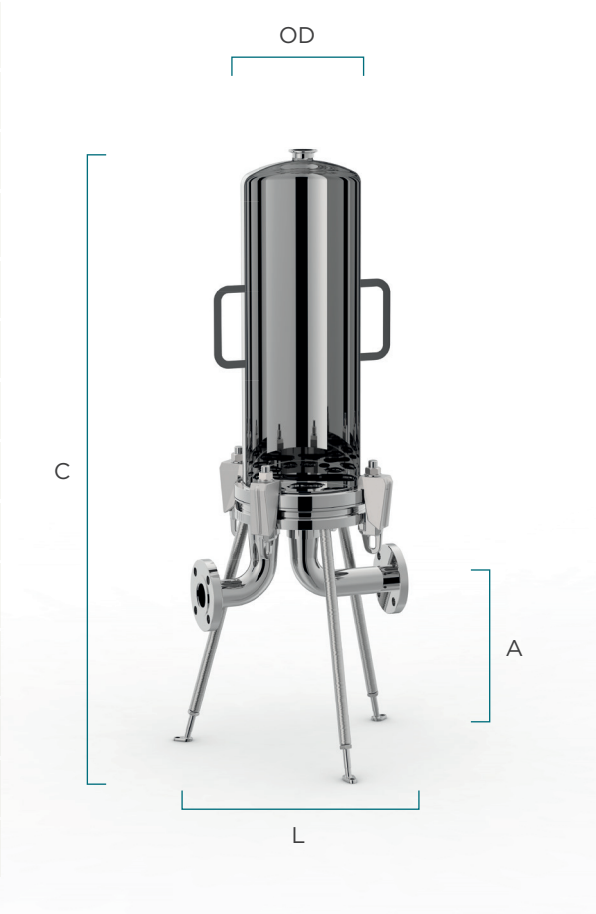
More options available on request.
Standard Options are marked with (1).

SPECIFICATIONS

Dimensions are for standard housings with TC connections and without vent lateral port. Other information available on the technical documentation.
All dimensions are in mm (inches).

No Cartridges	Cartridges Height	A	L	C	OD
1	5"	375 (14.76)	270 (10.62)	690 (27.16)	101.6 (4.00)
1	10"	375 (14.76)	270 (10.62)	790 (31.10)	101.6 (4.00)
1	20"	375 (14.76)	270 (10.62)	1040 (40.94)	101.6 (4.00)
1	30"	375 (14.76)	270 (10.62)	1290 (50.78)	101.6 (4.00)
1	40"	375 (14.76)	270 (10.62)	1540 (60.62)	101.6 (4.00)
3	10"	313 - 361 (12.32 - 14.21)	385 (15.15)	785 - 834 (30.90 - 32.83)	168.3 (6.62)
3	20"	313 - 361 (12.32 - 14.21)	385 (15.15)	1035 - 1084 (40.74 - 42.67)	168.3 (6.62)
3	30"	313 - 361 (12.32 - 14.21)	385 (15.15)	1285 - 1334 (50.59 - 52.51)	168.3 (6.62)
3	40"	313 - 361 (12.32 - 14.21)	385 (15.15)	1535 - 1584 (60.43 - 62.36)	168.3 (6.62)
5	10"	285 - 333 (11.22 - 13.11)	445 (17.51)	797 - 846 (31.37 - 33.30)	219 (8.62)
5	20"	285 - 333 (11.22 - 13.11)	445 (17.51)	1047 - 1096 (41.22 - 43.14)	219 (8.62)
5	30"	285 - 333 (11.22 - 13.11)	445 (17.51)	1297 - 1346 (51.06 - 52.99)	219 (8.62)
5	40"	285 - 333 (11.22 - 13.11)	445 (17.51)	1547 - 1596 (60.90 - 62.83)	219 (8.62)
8	10"	284 - 332 (11.18 - 13.07)	471 (18.54)	817 - 866 (32.16 - 34.09)	273 (10.74)
8	20"	284 - 332 (11.18 - 13.07)	471 (18.54)	1067 - 1116 (42.00 - 43.93)	273 (10.74)
8	30"	284 - 332 (11.18 - 13.07)	471 (18.54)	1317 - 1366 (51.85 - 53.77)	273 (10.74)
8	40"	284 - 332 (11.18 - 13.07)	471 (18.54)	1567 - 1616 (61.69 - 63.62)	273 (10.74)

Materials of Constructions (Wetted Parts)	316L / 1.4404
No. Of Cartridges	1, 3, 5, 8
Cartridge Socket	226 CODE 7, 222 CODE 8
In/Out Connections	Clamp ASME BPE, DIN, Butt Weld, ASME or EN Flanges
Drains	Clamp ASME BPE, DIN and ASME or EN Flanges
Vent	Clamp ASME BPE with/without lateral port, DIN and ASME or EN Flanges
Pressure (PS) min-max	-1÷10 bar (-14÷145 psi)
Temperature (TS) min-max	-20°÷150°C (-4°÷302°F)
External Surface	Mirror Polished
Internal Surface	Fine Brushed: Ra<0.8µm (Ra<32µin) Ra<0.4µm (Ra<16µin)
ATEX Regulation	Compliant with EU Directive
PED 2014/68/EU	Liquid and Gas, PED Fluid Group 1
Design Code	EN 13445
Gasket Compliance	FDA - USP VI



ACCESSORIES

Full list of accessories and spare parts available on request.

VENT TC 1.5" DIAPHRAGM P. GAUGE + SAMPLING



VENT TC 1.5" VALVE + CLAMP



BUTTERFLY VALVE TC + CLAMP



SAMPLING TEST TC 1.5" + CLAMP



VENT TC 1.5" DIAPHRAGM PGAUGE + SIGHT GLASS



VENT TC 1.5" BALL VALVE + CLAMP



BALL VALVE TC 1.5" + CLAMP



SAMPLING TEST TC + CLAMP

