

Curved Sterile Visual Flow Indicator

Advantages:

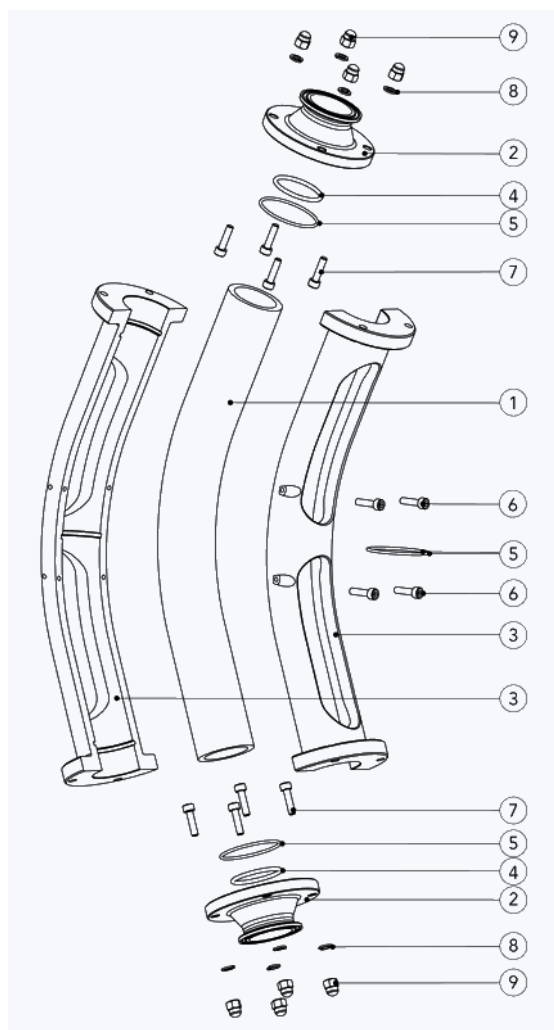
- Super fine finish >0.01Ra across the entire media contact face
- Transparent (due to borosilicate glass)
- The Curved SVFI is piggable
- Pressure ratings to general pharmaceutical system ratings
- Higher roughing corrosion resistance than stainless steel



Construction:

- The CT-SVFI is constructed from 316L stainless steel and borosilicate glass. It is designed to be used in pharmaceutical systems.
- The CT-SVFI is available in two sizes: 1/2" and 1/4". It is designed to be used in pharmaceutical systems.
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Materials used in the fabrication of the CT-SVFI are European sourced and conform to AD2000 W2 and PED, ensuring the highest level of reliability and safety.



ITEM	QUANTITY	DESCRIPTION	MATERIAL	S/FINISH – GRADE	AVAILABLE OPTIONS
1	1	DURAN® Glass bend	Borosilicate 3.3	Flame polished	–
2	2	C-SVFI Flange end	AISI 316L	SF4 – 0.38Ra EP	C22 / AL6XN
3	1	Body	AISI 316L	0.8Ra	C22 / AL6XN
4	2	Sealing O-rings	EPDM	FDA / USP VI	FEP / VITON / PC-SIL
5	3	Cushion O-rings	EPDM	FDA / USP VI	FEP / VITON / PC-SIL
6	4	M5 SKT Cap screw	AISI 304	A2-70	–
7	8	M6 SKT Cap screw	AISI 304	A2-70	–
8	8	M6 Spring washer	AISI 304	A2	–
9	8	M6 Domed nut	AISI 316L	0.8Ra	–

Specification of DURAN® Glass Bends by
SCHOTT Tubing

TECHNICAL DATA	SPECIFICATION
Glass type	Borosilicate Glass 3.3
Outside diameter	1.5" up to 4.3"
Lengths	20" up to 51"
Bending angle	45° and 90° *
Centre line radius	3.5" up to 24"
PHYSICAL DATA	SPECIFICATION
Coefficient of mean linear thermal expansion α (20°C; 300°C) DIN ISO 7991	3.3 10-6 K-1
Transformation temperature T9 DIN ISO 7884-8	525°C
Density ρ at 25°C	2.23g-cm-3
Modulus of elasticity E (Young's Modulus)	63-103 N-mm-2
Thermal conductivity λ_w at 90°C	1.2 W-m-1-K-1
Log of electric volume resistivity (Ω -cm) at: 250°C	8.0
300°C	6.5
CHEMICAL RESISTANCE	SPECIFICATION
Hydrolytic resistance ISO 719	Class HGB 1
Acid resistance DIN 12116	Class S 1
Alkali resistance ISO 695	Class A 2

* Other angles are available on request