

## ACL® DIN SVFI

### Sterile Visual Flow Indicator (DIN 32676 Table A)



Advanced Couplings Ltd is now able to offer a range of in line sight glasses to DIN 32676 Table A. The **DIN SVFI** range is produced to the highest quality and precision demanded by the modern food, pharmaceutical and chemical industry.



#### Specification

The bore of the Borosilicate glass element is sized to precisely match the bore of the flange ends/connecting pipe work, resulting in a smooth transition and by also adopting the EHEDG guidelines regarding O-ring seal profile, our sight glasses become a very hygienic, CIP (Clean In Place), cleanable product.

The stainless steel flange ends are designed to suit standard clamp type coupling joints. The flange ends support the glass element on the outside diameter and also provide the housing for the face seal. The face seal is designed on the EHEDG principle utilising a precise deformed O-ring – this gives the unit its remarkable cleanability characteristics. The stainless steel flanges are offered in 316L stainless steel as standard, although Hastelloy C22 and AL6XN can be supplied upon request.

The seals are to FDA food grade and USP Class VI specifications, offered in a variety of elastomer types. Seals are supplied with all relevant details such as grade, size, material, cure-date etc. Specialist seals can be provided for conditions outside the scope of the standard seal.

The metal body is permanently part marked with material heat number, size, surface finish and the CE mark. Other markings can be applied as requested. The basic unit is ASME-BPE SF4 on the internal bore, however alternative finishes can be supplied. All sight glasses are pressure tested once fully assembled, certification can be supplied if requested.

**All sight glass units are pressure tested on site before despatch.**

#### Applications

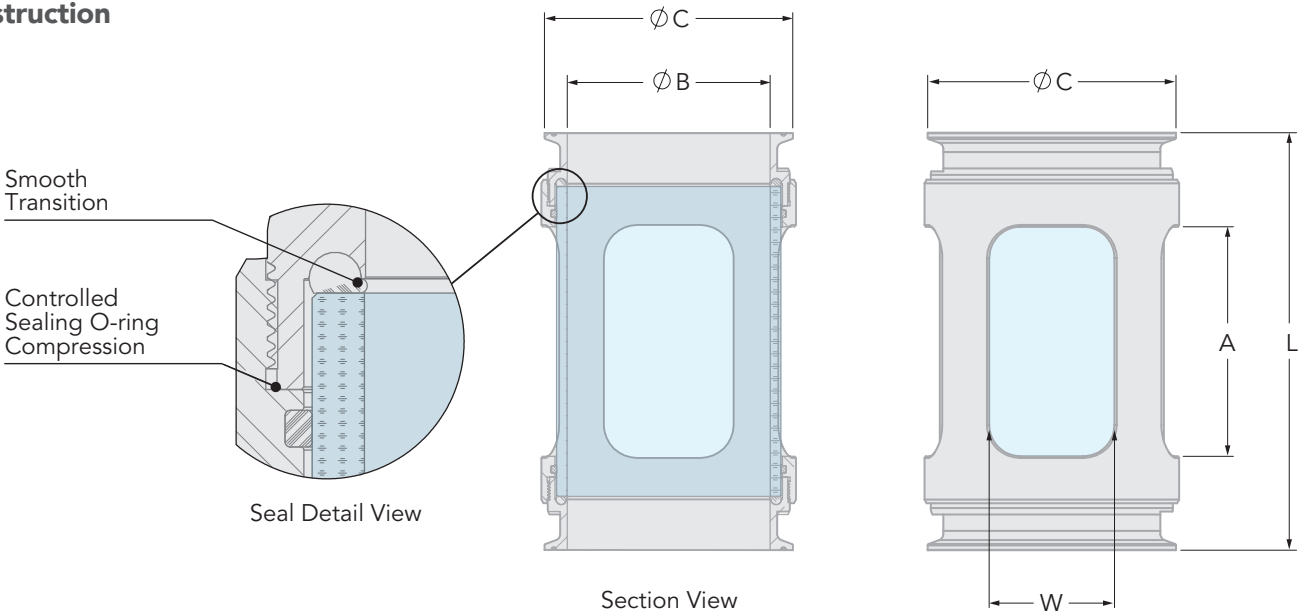
- Pharmaceutical processing
- Food / dairy
- Chemical processing

#### Approvals / Compliance

- EC 1935/2004, FDA CFR 21 177.2600 & USP VI <87> <88> Certified gaskets
- Surface finish according to ASME-BPE
- Controlled gasket extrusion to ASME-BPE CAT2
- Fully complies with the requirements of the European Pressure Equipment Directive 2014/68/EU and carries the 'CE' mark when so required
- Borosilicate glass 3.3 – pressure rating calculated according to CRN (FOS 10:1)

**ACL® DIN SVFI**  
Sterile Visual Flow Indicator (DIN 32676 Table A)

**Construction**



**Flow Indicator Sizes**

Size	Dimensions				Weight (Kg)	Rating Barg	Order Code
	Window	ID	Flange	Length			
10	10 x 20	10	34	80	0.19	28.0	SG.SV.D010
15	12.5 x 27	16	34	85	0.20	18.0	SG.SV.D015
20	15 x 30	20	34	90	0.22	15.0	SG.SV.D020
25	19 x 38	26	50.5	95	0.38	12.9	SG.SV.D025
32	23.5 x 42	32	50.5	100	0.34	10.9	SG.SV.D032
40	28 x 51	38	50.5	110	0.39	10.9	SG.SV.D040
50	38 x 64	50	64	135	0.74	9.0	SG.SV.D050
65	51 x 83	66	91	160	1.29	9.8	SG.SV.D065
80	58 x 87	81	106	175	1.95	8.1	SG.SV.D080
100	71 x 107	100	119	190	2.20	6.7	SG.SV.D100
125	82 x 127	125	155	225	3.55	7.2	SG.SV.D125
150	95 x 148	150	183	260	6.35	6.1	SG.SV.D150

**Quality Assurance**

The ACL Quality Management System is certified according to EN ISO 9001:2015. We ensure that our suppliers also maintain a certified Quality Management System.

Materials used in the fabrication of the DIN SVFI are European sourced and conform to AD2000 W2 and PED, ensuring the highest level of reliability and safety.

All technical information and advice given here is based on our previous experiences and/or test results. We give this information to the best of our knowledge, but assume no legal responsibility. Customers are asked to check the suitability and usability in the specific application, since the performance of the product can only be judged when all necessary operating data are available. Specifications are subject to change without notice. ACL's terms and conditions of sale apply to the purchase and sale of the product.

**Further Information**

For detailed selection criteria, technical information, installation guidelines or to contact ACL, please visit our website:  
[www.advanced-couplings.com](http://www.advanced-couplings.com)

