



Features / Design

Lined Sight Glass - Series SL

- Lined sight glass provides reliable and safe visual indication of fluid flow on any corrosive service. Safe and shatter-proof, each window consists of two borosilicate lime glasses cemented together by a proprietary adhesive.
- **Easy visual quality control and inspection.** Fluid flow can be viewed from either top or bottom.
- No product retention when installed vertically. Lined sight glass can be widely used in corrosive services in chemical and petrochemical plants, pharmaceutical plants, and food and beverage processing.
- Design & Manufacture Standard: ASME B16.34.
- Flange Standard: ANSI B 16.5.
- Face to Face Dimension: EN558-1.
- Lining Thickness: 3 to 5 mm.
- Inspection and Test Standard: API 598.
- Liner Inspection: Spark test 15 Kv.

Material List

POS	DESCRIPTION	MATERIAL
1	BODY	WCB + PFA / CF8M + PFA
2	GLASS	BOROSILICATE
3	CLAMP	A216 WCB / A351 CF8M
4	GASKET	PTFE
5	NUT	SS304
6	BOLT	SS304

NOTE: Material list as example, other materials and liners available.

Dimensions (inches)

NPS (in)	L (in)	ØD (in)	D1 (in)	D2 (in)	b (in)	Z	f (in)	d (in)	Weight (lbs)
3/4"	5.906	3.937	2.398	1.693	0.394	4	0.098	0.630	8.818
1"	6.299	4.331	3.126	2.008	0.433	4	0.098	0.630	10.141
1 1/4"	7.087	4.528	3.500	2.520	0.441	4	0.098	0.630	12.125
1 1/2"	7.874	4.921	3.874	2.874	0.500	4	0.118	0.630	16.976
2"	9.055	5.906	4.752	3.622	0.563	4	0.118	0.748	26.015
2 1/2"	11.417	7.087	5.500	4.134	0.626	4	0.118	0.748	50.927
3"	12.205	7.480	6.000	5.000	0.689	4	0.118	0.748	58.202
4"	13.780	9.055	7.500	6.181	0.878	8	0.138	0.748	82.012
6"	13.780	10.039	8.500	7.323	0.878	8	0.138	0.866	110.231
8"	15.512	11.024	9.500	8.504	0.941	8	0.138	0.866	165.347
10"	17.992	13.583	11.752	10.630	1.063	8	0.157	0.866	*

NOTE: *Please consult with manufacturer.



How to Order

SERIES NUMBER	BODY	MATERIAL			SEAT	ENDS	CLASS	SIZE		OPERATION		
		DISC	BODY & TRIM LINER									
SL	2	WCB	NONE	P	PTFE	NONE	F Flanged RF	0	ANSI 150#	0.75	3/4"	NONE
	3	CF8M		F	FEP			01	1"			
	4	CF8		F	PFA			01.25	1 1/4"			
	6	DI / CI						01.5	1 1/2"			
								02	2"			
								02.5	2 1/2"			
								03	3" x 2"			
								04	4"			
								06	6"			
								08	8"			
						10	10"					

Example:

Lined Sight Glass, Body DI + PFA Liner, Flanged RF ANSI Class 150# Size 6".

SL6AF006

