

CLEANABILITY MATTERS

Hygienic Sight Flow Indicators

Achieve controlled intrusion meeting ASME-BPE's strictest requirements by employing

- **ASME BPE** dimensions and design principles
- Precision-Bore borosilicate glass
- Tightly toleranced EHEDG inspired O-ring capture

MAXIMIZE YOUR VIEW

Hy-Sight four window design, largest view of any slim, low-profile sight flow indicator

- Provides maximum process visibility
- Superior view in any orientation

For custom lengths, see **Full View Hy-Sight** (T100.62)

MAXIMIZE PRODUCTION

- Less product "hold-up" at transition point
- Shorten cleaning cycles and prevent product loss
- Surpass your CIP & SIP requirements

NO-GALL THREADS

- ACME threads
- Eliminate potential for cross-threading
- Easy maintenance

POSITIVE STOP DESIGN

- Eliminates over-compression of O-ring into tube bore
- No exposed threads to trap debris

HIGHEST PRESSURE RATING

- Highest safety factor versus system design pressure
- Replace bulls-eye units improving cleanability while saving space and cost

"The Jacoby-Tarbox Hy-Sight has the best transition point I have ever seen, or felt, in a hygienic sight flow indicator."

—Lead System Designer
Major Hygienic Systems Packager



JACOBY-TARBOX®
HY-SIGHT™

Hygienic Clamp
Connections
According to
ASME-BPE

ASME-BPE SF4 (15Ra μin , .38 μm
Mechanical and Electropolished)
wetted surface finish

USP $\text{1}\sigma\text{ }^3\text{L}$
C51 and ADI
Compliant seals
and locating
O-rings

Individual
components
marked for
full traceability

Precision-Bore Type 1 Borosilicate
Glass with flame polished ends to
improve surface finish and sealability

JACOBY-TARBOX®
HYGIENICS™

Specify Your Hy-Sight

Model	Size	Wetted Metal	Head	Window	O-Ring
THY					

MODEL
Hy-Sight

CODE
THY-

SIZE	CODE	SIZE	CODE
1/4"	04	2"	18
3/8"	06	2-1/2"	20
1/2"	08	3"	22
3/4"	10	4"	24
1"	12		
1A	13		
1-1/2"	16		

ASME BPE 1" = 1A

HEAD MATERIAL

316L SS	6L
Hastelloy® C22	H2
Hastelloy® C276	H6
AL6XN®	6X

O-RING SEAL MATERIAL

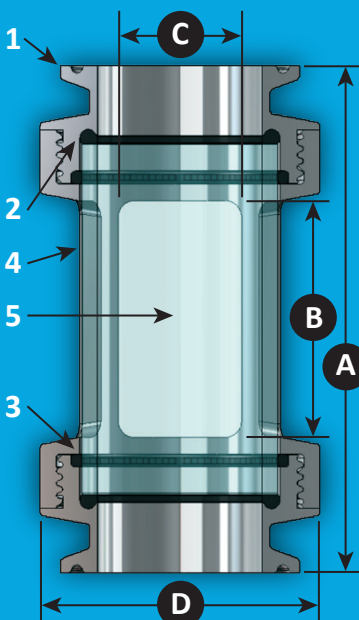
EPDM	E
FKM (Viton®)	V
Silicone, Platinum Cured	S
Perfluoro Elastomer (FFKM)	DP
FEP Encapsulated Silicone	T
Special Material	XG

WINDOW MATERIAL

Annealed Boro	A
Acrylic (Plexiglas®)	P
Special Material	XW

HEAD SURFACE FINISH

15 Ra – Electropolished	F4
Special Finish	XF



HY-SIGHT™

ITEM	NAME	QTY.
1	Head	1
2	Sealing O-Ring	2
3	Alignment O-Ring	2
4	Body	1
5	Window Cylinder	1

Size* Tube OD	A LENGTH IN mm	B VIEW LENGTH IN mm	C VIEW WIDTH IN mm	D UNIT OD IN mm	UNIT WEIGHT Lb Kg	MAX PRESSURE psi Bar
1/4"	2.6 65	0.5 12.6	0.2 6.0	0.9 24	0.33 0.15	300 20.7
3/8"	2.6 65	0.5 11.7	0.4 9.0	0.9 24	0.40 0.18	300 20.7
1/2"	3.0 76	0.9 21.9	0.4 10.0	1.2 30	0.47 0.21	300 20.7
3/4"	3.4 87	1.2 32	0.6 14	1.5 37	0.58 0.26	250 17.2
1A	3.6 91	1.5 37	0.6 16	1.8 46	0.82 0.37	200 13.8
1"	3.6 91	1.5 37	0.6 16	1.8 46	1.09 0.49	200 13.8
1-1/2"	4.1 105	1.9 49	1.0 26	2.3 59	1.19 0.54	150 10.3
2"	4.7 120	2.5 64	1.4 35	2.9 73	1.62 0.74	125 8.6
2-1/2"	5.9 151	3.7 94	1.8 46	3.5 89	2.52 1.14	125 8.6
3"	6.9 175	4.7 118	2.1 54	4.0 101	1.44 3.18	110 7.6
4"	7.9 200	5.6 144	2.8 70	5.0 126	5.02 2.28	90 6.2

*Hygienic clamp dimensions are in accordance with ASME-BPE, shown in inches

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JACOBY·TARBOX®
HYGIENICS™