CANTY

PROCESS TECHNOLOGY

FUSEVIEW™ NPT THREADED SIGHT GLASS



THE CANTY ADVANTAGE

CANTY Fuseview™ NPT threaded sight glasses have been engineered to meet all your process and safety needs. All standard Fuseviews™ are designed and tested to ensure the safest product available. Canty can provide certification of material and testing if required, typical of ASME code requirements for process vessels.

UNMATCHED SAFETY, RELIABLE

All CANTY sight glasses feature the Fuseview™ window. Our unique fused glass windows far exceed all conventional tempered glass windows in safety and performance. By fusing glass to metal, a high pressure, high safety, hermetic seal is formed. The fused glass technology ensures safety with every Fuseview™. What's more, our windows can easily be removed for cleaning. Canty windows do not have to be discarded, as do traditional tempered glass windows. Canty fused glass windows can be re-used again and again.

FEATURES

- Carbon Steel, Stainless Steel or Hastelloy®C276 one piece construction
- Pressure rating to 1,000 PSI [68 bar]
- Standard temperatures to 450°F [232°C]
- One piece construction
- Connects to standard NPT connection (straight thread options available)
- Special sizes available per drawing request

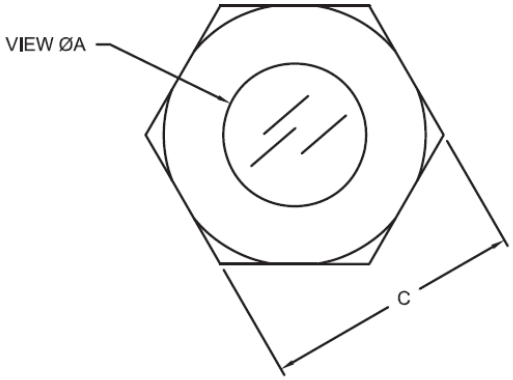
ADVANTAGES OF THE FUSEVIEW™

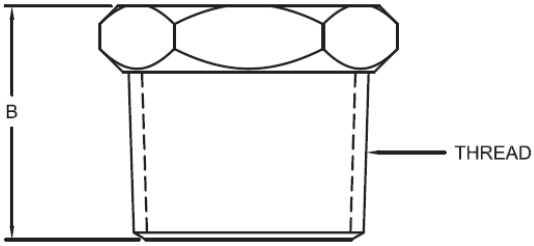
- Extremely high strength due to radial compression on the hermetically sealed glass
- Very high impact strength and thermal shock resistance due to prestressing
- Operates under positive or negative pressure
- Certification on material and pressure rating is available, typical of ASME code requirements.

CANTY FUSEVIEW™ VS. OTHERS

- No loss of glass temper over time
- Scratches do not affect safety or life
- Unlike tempered glass, a FuseView™ will not blow out if the surface is damaged
- No extra gaskets, shims, packing, or retaining rings to worry about

FUSEVIEW™ NPT THREADED SIGHT GLASS SPECIFICATIONS





SIZE	THREAD	ØA	B	C	TEMP RATING
1/4"	1/4-18	5/16"	3/4"	5/8"	450°F [232°C]
3/8"	3/8-18	7/16"	3/4"	3/4"	450°F [232°C]
1/2"	1/2-14	1/2"	1 13/64"	15/16"	450°F [232°C]
3/4"	3/4-14	5/8"	1 1/16"	1 1/16"	450°F [232°C]
1"	1-11 1/2	3/4"	1 1/16"	1 3/8"	450°F [232°C]
1 1/4"	1 1/4-11 1/2	15/16"	1 1/4"	1 3/4"	450°F [232°C]
1 1/2"	1 1/2-11 1/2	1 1/8"	1 1/4"	2"	450°F [232°C]
2	2-11 1/2	1 1/2"	1 11/16"	2 1/2"	450°F [232°C]
2 1/2"	2 1/2-8	1 7/8"	1 15/16"	3"	450°F [232°C]
3	3-8	2 1/8"	2 5/16"	3 5/8"	450°F [232°C]
4	4-8	3"	2 1/2"	4 3/4"	450°F [232°C]

Ordering Information

HOW TO ORDER: Select the appropriate options and build a part number as shown:

EXAMPLE: **S 5 _ _ _100A0**

PRESSURE:
A = 150 psi
C = 500 psi
E = 1,000 psi
**Higher pressure ratings available. Consult factory.*

SIZE:
A = 1/4"
B = 3/8"
C = 1/2"
D = 3/4"
E = 1"
F = 1 1/4"
G = 1 1/2"
H = 2"
I = 2 1/2"
J = 3"
K = 4"

MATERIAL: (wetted)
A = Carbon Steel
B = 316L Stainless Steel*
D = Hastelloy® C276 or equal

*Canty reserves the right to upgrade to Hastelloy® C-family of alloys or equal at their own cost.
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