



# **ATEX VIEWPORTS**



- **Visual Clarity  
& Monitoring**
- **Resilient  
Construction**

## The Role of ATEX Viewports in Industrial setting

In various industrial settings, viewports play a crucial role in visually assessing fluid levels and operational conditions within equipment like reservoirs, tanks, gearboxes, transformers, and pipelines. These essential components offer a reliable means of observation and inspection.

## Features and Specifications

Equipped with a wire guard, these viewports not only facilitate quick fluid level checks but also boast remarkable resilience against foreign objects. The wire guard can withstand objects up to 1 kg in mass, with an impact head featuring hardened steel and meeting the stringent requirements of DIN EN ISO 80079-36:2016.




*ATEX View ports Type Ex Oil Sight Glass*

# Adaptable Thread Standards and Key Features

Standardly available in G (ISO 228) and NPT (US standard ANSI) threads, these viewports offer adaptability to diverse industrial setups. Moreover, alternate thread standards are available upon request, ensuring compatibility across various systems.

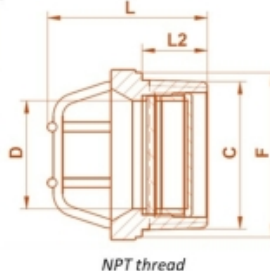

Model Number	C Thread	D mm	F (∅) mm	L mm	L2 mm	SW mm
EXV-G1000	G 1"	24	39	39	12	41
EXV-G1250	G 1 1/4"	31	47	46	14	48
EXV-G1500	G 1 1/2"	35	54	46	14	55
EXV-G2000	G 2"	45	68	52	14	70
EXV-G2500	G 2 1/2"	58	82	52	14	83
EXV-G3000	G 3"	70	94	52	14	94

*G thread (Undercut acc. to DIN 3852-2)      Socket Wrench*

*Atex viewport models (type Ex Oil Sight Glass) with G thread*

Model Number	C Thread	D mm	F (∅) mm	L mm	L2 mm	SW mm
EXV-N1000	1" NPT	21	39	44	18	41
EXV-N1250	1 1/4" NPT	28	47	49	19	48
EXV-N1500	1 1/2" NPT	35	54	51	21	55
EXV-N2000	2" NPT	45	68	56	21	70

*NPT thread      Socket Wrench*

*Atex viewport models (type Ex Oil Sight Glass) with NPT thread*

## Key features

- Wire guard crafted from stainless steel AISI 316 Ti
- Body constructed from zinc-plated steel or stainless steel AISI 316L
- Removable lens facilitating easy cleaning or servicing
- Seals made from materials like FKM (e.g., Viton) or PTFE
- Operating temperatures reaching up to +400 °C (depending on seal material)
- Operating pressure capabilities up to 5 bar (72 psi)
- Customizable options for sizes, threads, and sight markings based on specific requirements

## Compliance and Safety Standards

An example model, the ATEX Viewport Ex-Sight with a G thread and an undercut conforming to DIN 3852-2, complies with the ATEX directive. In accordance with DIN EN ISO 80079-36:2016, these Ex-Sight viewports are equipped with a stainless steel AISI 316 Ti wire guard, ensuring compliance with [safety](#) standards for use in potentially explosive atmospheres.

## Ensuring Safety and Ignition Prevention

These ATEX Viewports Ex-Oil Sight Glass are engineered to eliminate any potential ignition sources when operated as per their intended use. For unique specifications such as chemical compatibility, temperature resistance, or pressure requirements, alternate thread sizes and standards (including metric threads) can be made available upon request.

## Ordering Information and Customization Options

Please note that due to the extensive range of options available, this product is manufactured upon request, with technical details provided based on the order documents. For further details or inquiries, [please reach out to us](#).