

The Skid-Safe system is the ultimate pressure relief protection on infrastructures used for the extraction of Coal Seam Gas, Liquid Natural Gas by way of fracking and other industry methods.

## ZOOK's Skid-Safe System Advantage

- Fully assembled and ready for immediate installation between flanges, substantially reduces installation time and assembly difficulties
- Reverse acting disk has full dome membrane protection from the RAH holder
- Skid-Safe unit can be easily installed using integral flange bolt holes
- Self-centralization of the Skid-Safe unit within the pipework
- Specific integral flange guide holes ensure the Skid-Safe unit cannot be installed into non-compatible flange ratings

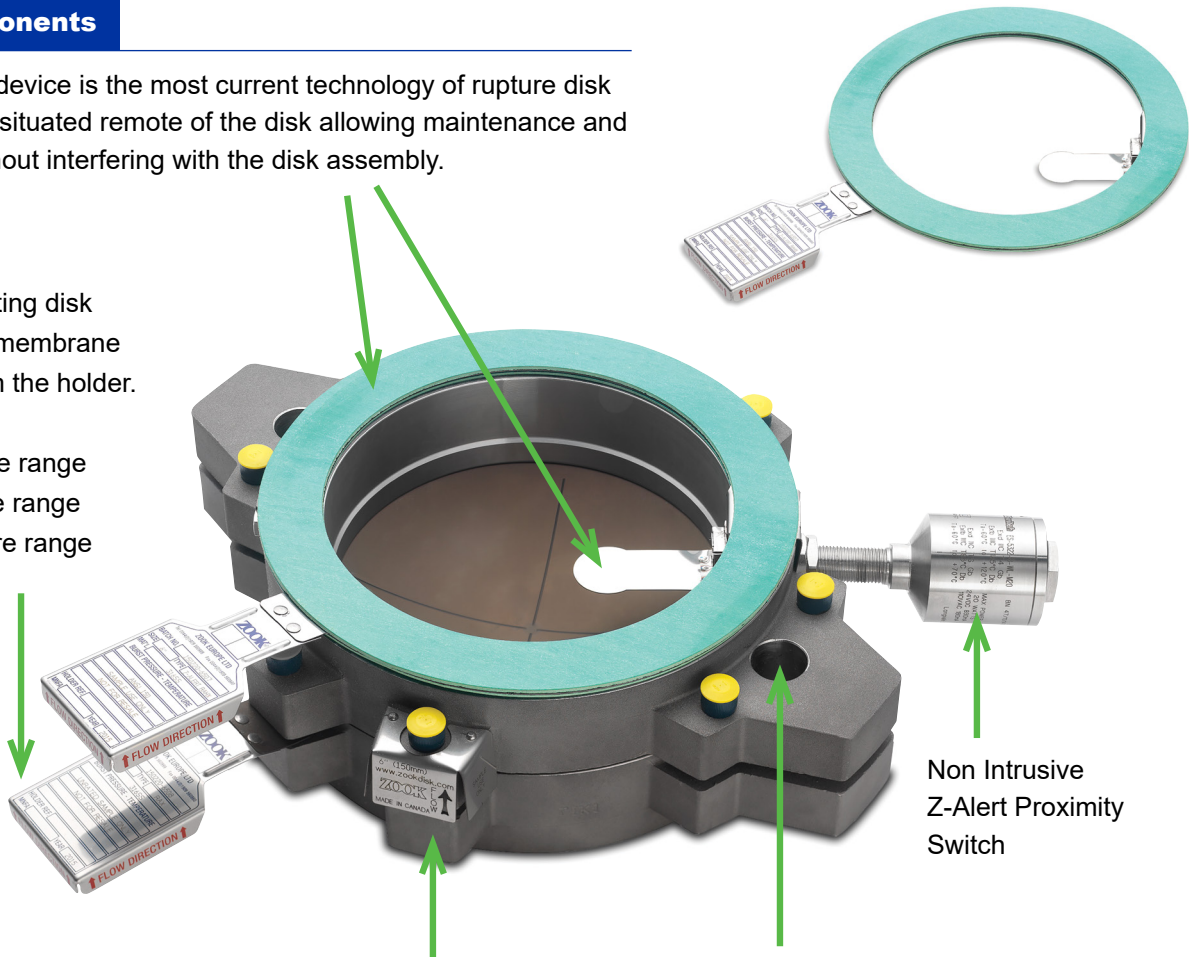
## The Components

Z-Alert detect device is the most current technology of rupture disk detection. It is situated remote of the disk allowing maintenance and inspection without interfering with the disk assembly.

RA reverse acting disk has full dome membrane protection from the holder.

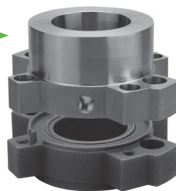
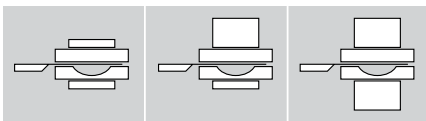
Available in:

- Low pressure range
- Mid pressure range
- High pressure range



Non Invasive  
Z-Alert Proximity  
Switch

Can be machined to meet existing piping specifications.



Flange bolt holes drilled to the exact flange specification for which it is being installed. This guarantees the total assembly is centrally located within the specific pipework flange rating enabling unobstructed flow when the disk ruptures.

### Rupture Disk

#### RA4



- Low pressure range
- Suitable for both liquid and gas

#### RA6



- Mid pressure range
- 95% Operating ratio
- Suitable for both liquid and gas

#### RA8



- Low pressure range
- 95% Operating ratio
- Suitable for both liquid and gas

#### RAX

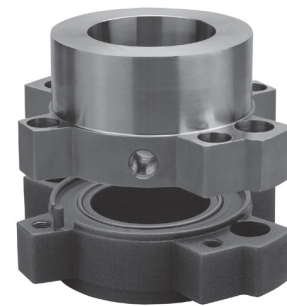


- High pressure range
- Scored metal design
- GAS SERVICE ONLY

Note: Various disk materials available. Skid-Safe can also be used with forward acting disks.

### Holder

- Various holder dimensions available
- Holders are available for all major flange standards
- Skid-Safe holder can be a reverse acting holder or forward acting holder. Please specify when ordering



### Z-Alert

- Z-Alert is installed in all Skid-Safe units
- Z-Alert (Non-intrusive proximity switch & magnetic sensor) is pre-assembled onto the RAH holder ready for installation directly between pipework flanges
- Z-Alert is certified to:  
ATEX, IECExd, IP66 to 68, UL, TRCU, SIL2



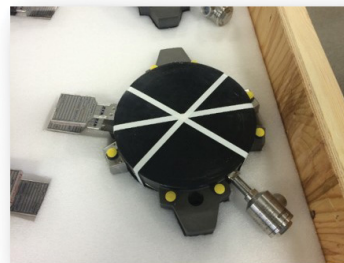
Z-Alert Magnetic Sensor



Z-Alert Proximity Switch

### Preassembled & Shipped for Immediate Installation

- ZOOK will fully assemble the Skid-Safe unit to customer's specifications
- Skid-Safe unit arrives in internationally accepted package and can be taken directly from the crate and installed immediately



SKID-SAFE\_datasheet\_102022

[zookdisk.com](http://zookdisk.com)



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