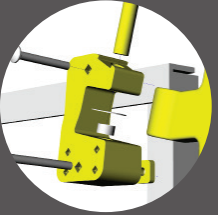


# GRAVITY-CLOSING SAFETY GATES

Same hinge for left and right swing direction



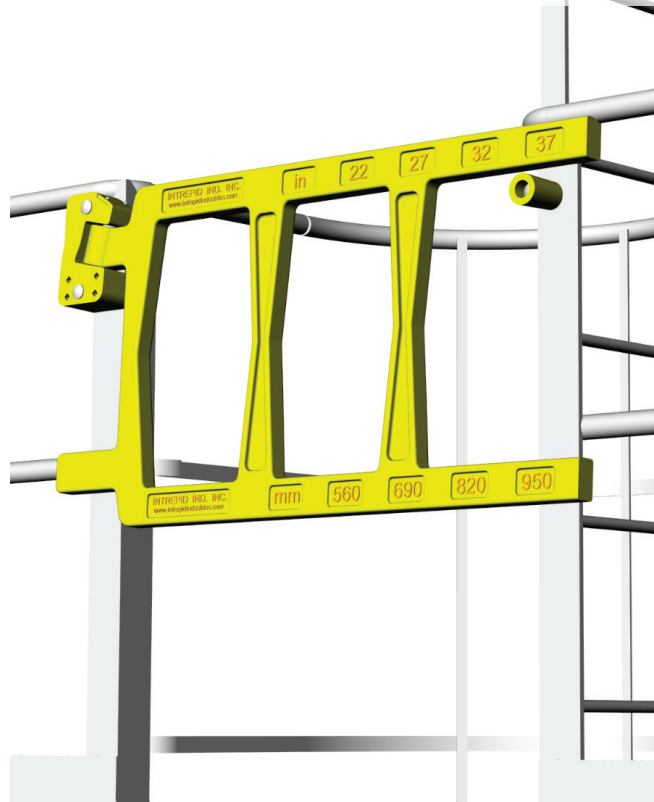
Attaches easily to: angle



Attaches easily to: pipe



The most efficient and durable way to protect people against accidental falls through guardrail openings.



## BENEFITS:

- left or right same hinge
- self closing by gravity
- easy to install
- light weight
- quick delivery from inventory
- high visibility
- safety-yellow colored
- maintenance free
- corrosion resistant
- economical
- less expensive than steel

## EASY INSTALLATION

- Universal hinge design provides either left hand or right hand swing
- Universal hinge design provides attachment to either angle iron or pipe
- For angle iron guardrail installation: 2 bolts for hinge and 1 bolt for support block
- For pipe guardrail installation: specially designed bracket available to install gate without drilling



Hinge on angle iron guardrail

## WIDESPREAD SUCCES

- Proven design successfully used over 30 years
- Sold over 500.000 units in over 56 countries
- Exceeds US-OSHA and EU-ISO standards
- Specified by many industrial companies
- Recommended by many engineering firms



Right hand swing on angle iron guardrail

## DESIGN

- Gate automatically closes due to gravity
- Rises when opened; Returns closed when released
- Design does not depend on springs, cams, bearings, or the operator
- Gate has a horizontal swing, not a vertical drop
- Available in 4 standard sizes . Opening (mm/inch) between the posts specifies size.

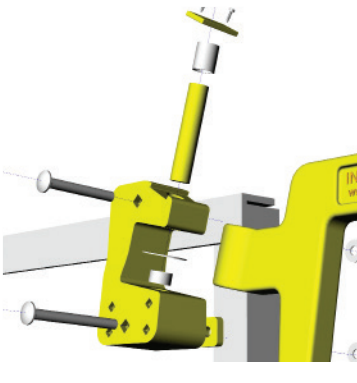
Size:	Opening:
UDG-22	22"/560mm
UDG-27	27"/690mm
UDG-32	32"/820mm
UDG-37	37"/950mm



Block attached to pipe bracket

## CONSTRUCTION

- Blade, hinge, pin, and block molded using a strong, rigid, polyurethane
- Molded parts colored throughout with safety yellow
- Fluoropolymer wear plate and bushings facilitate easy open & close
- Galvanized hardware provided



Exploded view shown on angle iron guardrail

## STRENGTH & WEATHERABILITY

- Withstands 180 kg (400 lb) impact test at ambient temperatures, as well as extreme temperatures (-56.7°C / -70°F)
- Excellent outdoor weatherability...supports heavy loads 24/7
- Due to chemical matrix, material will discolor but not degrade
- No loss of tensile strength after 9 month UV exposure tests in Arizona and Florida



Insulators supporting aluminium bus bars

## BENEFITS

- Economical
- Effective
- Maintenance free
- Long service life
- Provides the protection you paid for



**KVA INTERNATIONAL**

KVA International  
P.O. Box 372  
PC 322  
Falaj al Qabail  
Sohar, Sultanate of Oman

**T** +968.9136.1454  
**E** [intrepid@kva-international.com](mailto:intrepid@kva-international.com)  
**W** [www.kva-international.com](http://www.kva-international.com)