

# SUREBAND®

*be safe, be sure*

The innovative Safety Spray Shield design from Flangeguards. Representing over twenty years experience and development, this new design significantly improves upon conventional shielding products

## SUREBAND® Clear



ALL-PTFE. OUTLASTS CONVENTIONAL PTFE-COATED FIBREGLASS SHIELDS IN CORROSIVE ENVIRONMENTS

NO PULL-CORDS.  
FITTED AND REMOVED  
IN SECONDS



MULTI-LAYERED  
INTERNAL MESH  
DIFFUSES PRESSURE  
RELEASE



MULTI-SIZE FUNCTION  
ONE SHIELD FITS  
MULTIPLE FLANGES

## SUREBAND® Steel



ALL-316 ST/ST BANDING AND MESH. SUITABLE FOR HIGH PRESSURE AND TEMPERATURE APPLICATIONS

## SAFER



Our PDT technology makes **SUREBAND®** THE most effective shield design on the market. Be sure, be safe, choose Flangeguards

## QUICKER



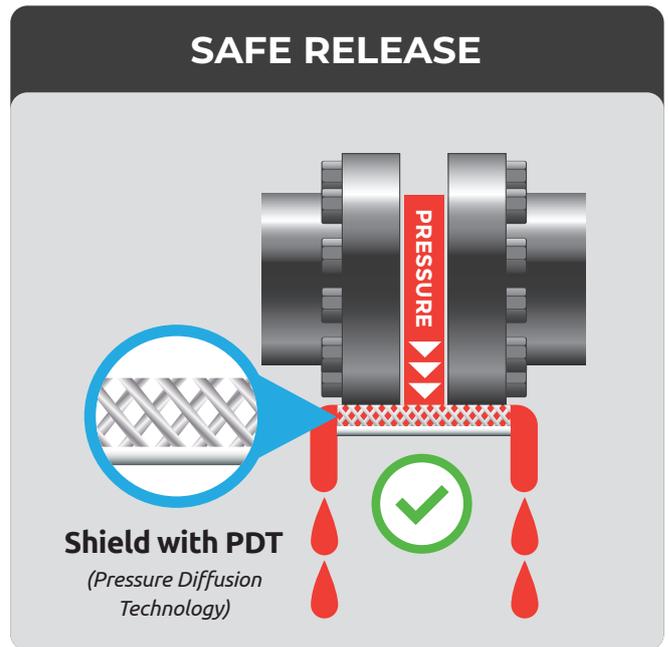
No pull-cords. Quick-fit connection cuts install time dramatically, saving time & money. Operators are more inclined to re-fit after removal

## BETTER

Unique multi-size system means one shield fits multiple flange sizes

# SAFER

Our PDT technology makes **SUREBAND**® THE most effective shield design on the market. Be sure, be safe, chose Flangeguards



**SUREBAND® PDT (Pressure Diffusion Technology)** uses a specially formulated multi-layered mesh that is held against the flange. The pressure is diffused in a controlled manor thus preventing formation of a mist / vapour cloud. At the point of exit from the shield, the leak takes the form of a safe, vertical drip or stream.

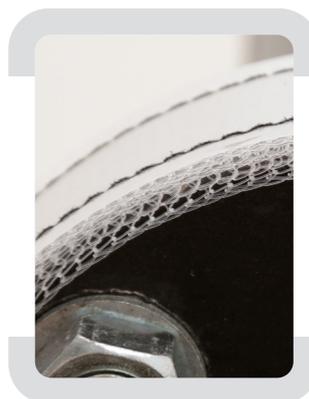
Our leak testing facility has proven that pressure diffusion is required to prevent spray and mist formation. However, many shield designs have no diffusion – and this can actually create a worse leak than no shield at all.



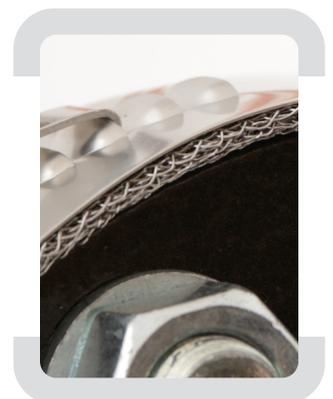
Visit our website to see extensive pressure testing videos at **FLANGE GUARDS**.com



Many safety shield designs are available but too often, no physical test data is available. When the price of failure is so high, it is critically important that the safety shield prevents spray and mist formation.



**SUREBAND** Clear



**SUREBAND** Steel

# QUICKER

Our Quick-fit connection makes installation and removal of Safety Spray shields quick and simple

**SUREBAND®** has been designed with simplicity in mind. Unlike conventional 'pull-cord' shields, no knots are required. This is a significant benefit, especially when removing shields – as tightly tied knots are typically cut, not untied

## SUREBAND®*Clear*



The **Clear** shield uses propriety technical hook+loop connection (40kg lateral shear strength).



## SUREBAND®*Steel*



The **Steel** shield uses a quick-connection latch which locks into one of 4 specially designed louvre slots.



### OUR QUICK-FIT CONNECTION HAS TWO IMPORTANT BENEFITS

Installation time can often cost more than the shields themselves. **SUREBAND®** is fitted within seconds (rather than minutes). This saves time and money, whilst maintaining maximum safety.

Ongoing pipe maintenance requires shields to be removed. Gloves are generally mandatory, so pull-cord knots are typical cut off rendering conventional shields useless. With **SUREBAND®**, operatives are much more likely to re-fit shields (shields are often used within hazardous area zoning calculations, thus failure to re-install the shields invalidates zone classification)

# BETTER

## MULTI-SIZE FUNCTION **Increases flexibility & reduces stock holding**

Our clever Multi-Size system means one shield fits multiple flange sizes. Only 5 shield sizes are needed to fit all 28 standard flanges between 1/2" and 6" pipe size (across multiple pressure classes).

This reduces stockholding & speeds up delivery dramatically. It also prevents fitting errors where site surveys are require (fixed size shields require precise flange measurement).

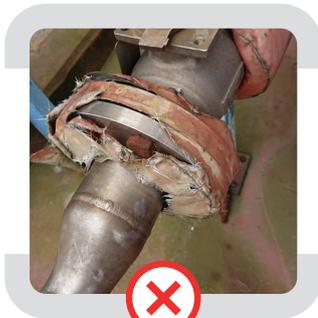
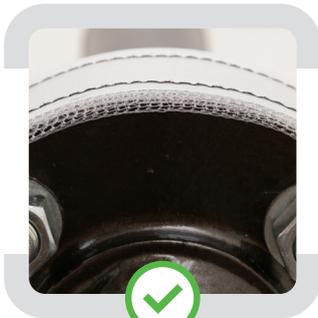


## BEST-IN-CLASS MATERIALS **Using highest quality materials, resulting in longest service life**

### SUREBAND<sup>®</sup>Clear

100% ETFE and no fibreglass, unlike conventional shields. In corrosive environments, the fibreglass ultimately degrades.

**Typical applications include acid, caustic, fuel & lubrication oil**



The specially formulated hook+loop provides incredible strength. Visit our website to watch the video, or request a product sample.

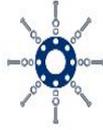


### SUREBAND<sup>®</sup>Steel

Comprising all-316 stainless steel, SUREBAND<sup>®</sup>Steel works effectively at high pressure and wide temperature ranges.

**Typical applications include oils (thermal, hydraulic, fuel, lubrication), steam & liquified gas.**





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#### Disclaimer

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