

SUREBAND® *be safe, be sure*

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

NO PULL-CORDS.
FITTED AND REMOVED
IN SECONDS



MULTI-LAYERED
INTERNAL MESH
DIFFUSES PRESSURE
RELEASE



MULTI-SIZE FUNCTION
ONE SHIELD FITS
MULTIPLE FLANGES



SUREBAND® Clear

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



SUREBAND® Steel

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

PRIMARY FUNCTION

- ▶ DIFFUSES THE PRESSURE
- ▶ PREVENTS SPRAY & MIST FORMATION
- ▶ CREATES A SAFE RELEASE

SECONDARY BENEFITS

- ▶ PROVIDES VISUAL LEAK INDICATION
- ▶ AVOIDS PRESSURE BUILD-UP
- ▶ RE-USABLE

- ▶ SIMPLE AND QUICK TO FIT / REMOVE
- ▶ HAVE A LONG SERVICE LIFE
- ▶ MORE ECONOMIC

✓ 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

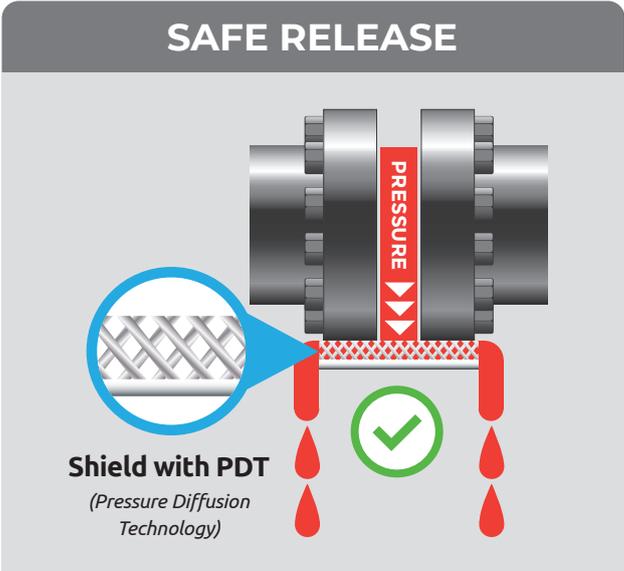
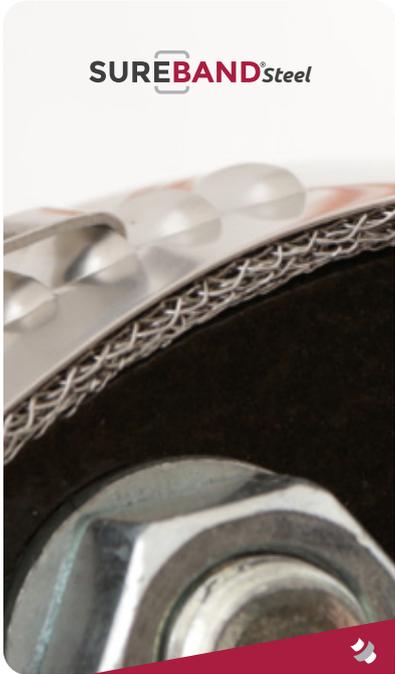
Our PDT technology makes SUREBAND® the most effective shield design on the market

Innovation in Safety Spray Shield design

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 manner 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 create a worse leak than no shield at all.



FEATURES

- MULTI LAYERED MESH
- PDT HELD AGAINST FLANGE

BENEFITS

- DIFFUSES PRESSURE IN A CONTROLLED MANNER
- PREVENTS MIST/VAPOUR CLOUD

QUICKER

Our Quick-fit connection makes installation and removal 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 – and tightly tied knots are typically cut, not untied.

Ongoing pipe maintenance require shields to be removed. Gloves are generally mandatory, so pull-cord knots are typically cut off rendering these shields useless and unable to be refitted.

Operatives are more likely to re-fit **SUREBAND®**, as they are so simple. This is critical for ongoing safety, and necessary, particularly where shields are used within hazardous area zoning calculations, thus failure to re-install the shields invalidates zone classification.



FEATURES

- CLEAR SHIELD HOOK + LOOP TECHNOLOGY
- STEEL SHIELD LATCH
- SIMPLE INSTALLATION

BENEFITS

- QUICK POSITIVE CONNECTION
- MORE LIKELY TO BE RE-FITTED

BETTER

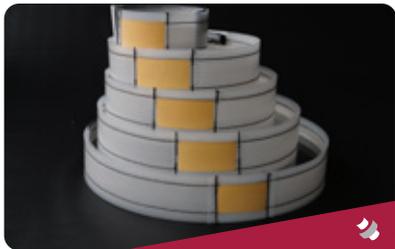
Flexibility of install and a longer service life

MULTI-SIZE FUNCTION

Our clever Multi-Size system means one shield fits multiple flange sizes. In fact, 5 shield sizes fit all 28 standard flanges between 1/2" and 6" / 15mm and 150mm pipe size (across multiple pressure classes).

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

SUREBAND® can be made to fit either a specific flange size or multiple flange sizes. Custom sizes can be created upon request.



FEATURES

- ONE SHIELD FITS MULTIPLE FLANGE SIZES
- 5 SHIELD SIZES FOR 28 FLANGE SIZES BETWEEN 1/2" AND 6" / 15MM AND 150MM PIPE SIZE
- SHIELD SIZE RANGES CAN BE TAILORED TO CUSTOMER REQUIREMENT

BENEFITS

- CONSIDERABLE STOCK SAVING AND SHORTER LEAD TIME
- IMPROVED FLEXIBILITY, LESS ERRORS WITH FITTING
- MEET EXACTING REQUIREMENTS

BEST IN CLASS MATERIALS

SUREBAND® has considerable relative strength when compared to traditional safety shields. Using highest quality materials, resulting in longest service life.

SUREBAND^{Clear}

100% PTFE/ETFE and no fiberglass, unlike conventional shields where, in corrosive environments, the fiberglass would ultimately degrade.

- 100% PTFE/ETFE AND NO FIBREGLASS
- DOES NOT DEGRADE LIKE CONVENTIONAL COATED FIBREGLASS

SUREBAND^{Steel}

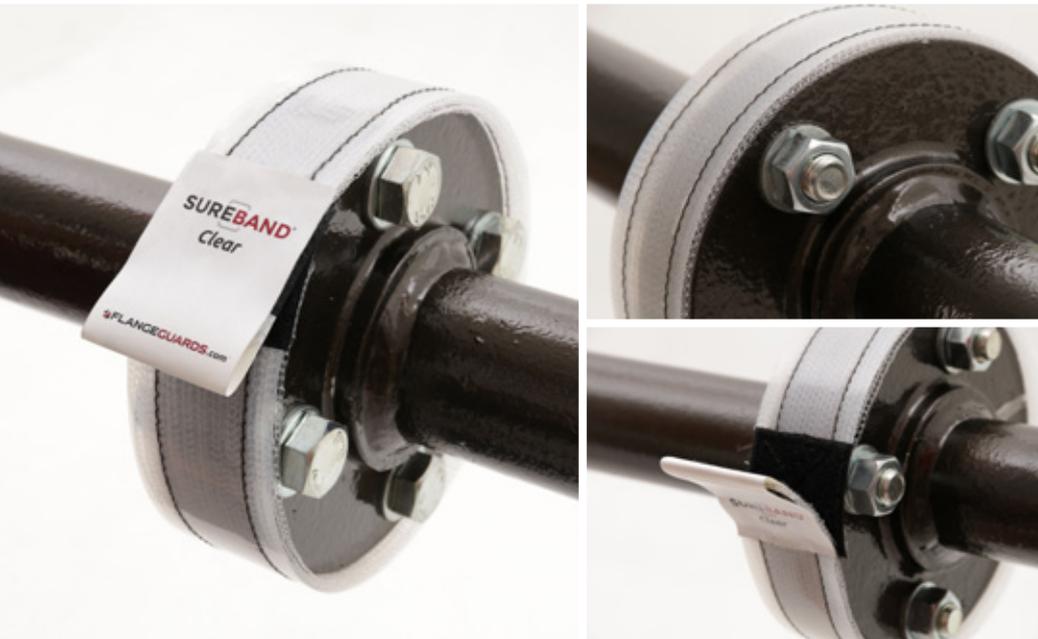
Comprising all-316 stainless steel, **SUREBAND® Steel** works effectively across high pressure and wide temperature ranges.

- ALL-316 STAINLESS STEEL
- WORKS EFFECTIVELY AT HIGH PRESSURE AND WIDE TEMPERATURE RANGES

	HYDRAULIC OIL	HP STEAM	HOT OIL	FUEL/LUBE OIL	ACID	CAUSTIC
 SUREBAND STEEL	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓	✓✓
 SUREBAND CLEAR	—	—	—	✓✓✓	✓✓✓	✓✓✓
 PTFE/PTFE-CLEAR	—	—	—	✓✓✓	✓✓	✓✓
 PVC	—	—	—	✓	✓	✓

		 c/f	 Bar/psi	 FLANGE	 NON STANDARD
 SUREBAND STEEL	✓✓	✓✓✓	✓✓✓	✓✓✓	✓
 SUREBAND CLEAR	✓✓✓	✓✓	✓✓	✓✓✓	✓
 PTFE/PTFE-CLEAR	✓✓	✓✓	✓✓	✓✓	✓✓✓
 PVC	✓	✓	✓	✓✓	✓✓✓

SUREBAND®*Clear*



FEATURES

- PRESSURE DIFFUSION TECHNOLOGY
- QUICK-FIT CONNECTION
- MULTI-SIZE FUNCTION
- SELF DRAINING

BENEFITS

- PREVENTS FORMATION OF MIST/VAPOUR
- SIMPLE INSTALLATION
- ELIMINATES FITTING ERRORS

SUREBAND® is a revolutionary safety spray shield manufactured by Flangeguards.

SUREBAND® Clear comprises a clear ECTFE outer and multi-layered PTFE mesh and stitching. This material provides unparalleled chemical resistance.

SUREBAND® Clear installation is quick and easy with incredibly strong, heavy duty Velcro fastener ensuring correct fitment.

Once installed, the internal mesh is compressed against the flange, preventing direct and lateral spray. The liquid pressure inside the shield is rapidly diffused, resulting in a safe drip-release.

SUREBAND® Clear incorporates a replaceable litmus leak indicator strip to provide visual warning of leaks of hazardous liquids.

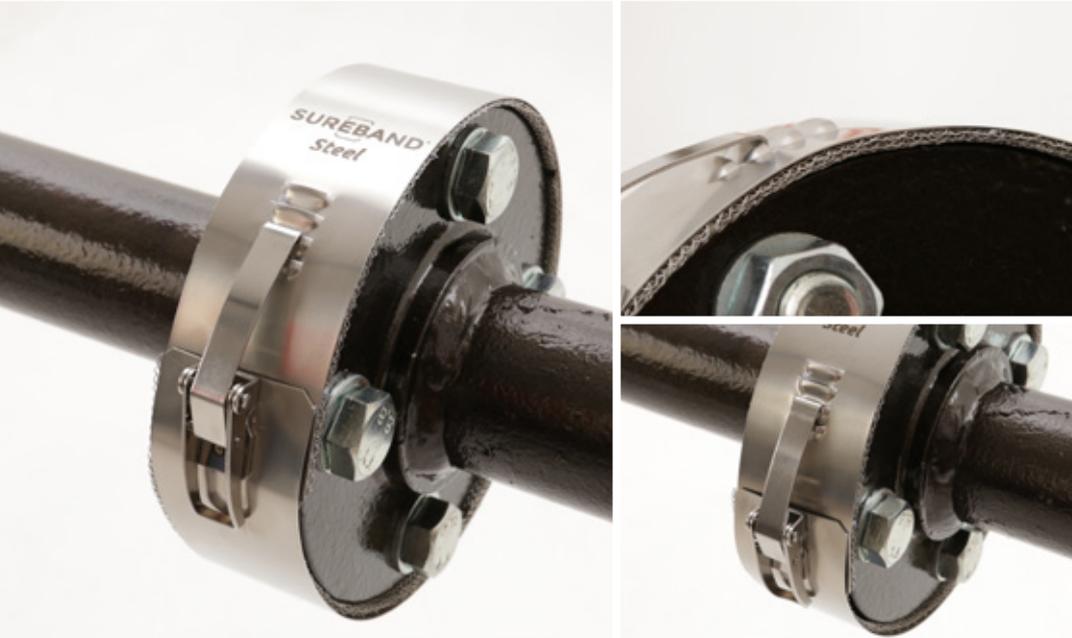
In the event of a leak **SUREBAND® Clear** can be re-used thus providing a long term solution.

SUREBAND® Clear has been pressure tested in excess of 50 bar, is suitable for maximum surface temperature of 200°C and fits pipe sizes from ½" / 15mm upwards.



 FASTENING	 ECTFE OUTER PTFE MESH
 UP TO 200C	 ½" / 15mm UPWARDS
 OILS	 ACIDS
 ALKALIS	 CORROSIVES
 MIST PREVENTION	

SUREBAND® Steel



FEATURES

- PRESSURE DIFFUSION TECHNOLOGY
- QUICK-FIT CONNECTION
- MULTI-SIZE FUNCTION
- SELF DRAINING

BENEFITS

- PREVENTS FORMATION OF MIST/VAPOUR
- SIMPLE INSTALLATION
- ELIMINATES FITTING ERRORS

SUREBAND® is a revolutionary safety spray shield manufactured by FlangeGuards.

SUREBAND® Steel comprises a 316 stainless steel band and an internal layer of 316 stainless steel mesh. This material provides unparalleled heat resistance.

SUREBAND® Steel installation is quick and easy with the metal quick-connection latch, ensuring correct fitment.

Once installed the steel mesh is compressed against the flange itself. This mesh, which is crimped along the centre to fill the gap between the two flange faces quickly and efficiently diffuses the spray-out, resulting in a safe drip-release.

SUREBAND® Steel is quick to install and typically used on high pressure pipelines.

In the event of a leak **SUREBAND® Steel** can be reused thus providing a long term solution.

SUREBAND® Steel has been pressure tested to 335 bar, is suitable for maximum surface temperature in excess of 500 °C and fits pipe sizes from ½" / 15mm upwards.



 FASTENING	 STAINLESS STEEL BAND AND INNER MESH
 UP TO 500C	 ½" / 15mm UPWARDS
 OILS	 MIST PREVENTION
 STEAM	