

## **SUREBAND**Steel

This shield design comprises a steel band and an internal layer of steel mesh which is compressed against the flange itself. This mesh, which is crimped along the centre to fill the gap between the two flange faces, is critically important. It quickly and efficiently diffuses the spray-out, resulting in a safe drip-release. All our shields are tested on our hydrostatic pressure test facility, test certificates available on request.

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

**SUREBAND**Steel is quick to install and typically used on high pressure pipe lines. It is ideally suited to Steam, Oil, LNG and Hydrogen applications & has been leak tested at various orifice sizes at pressure up to 335 Bar. It can be re-used in the event of a leak, thus providing a long term solution.

### **Specification**

Band Material	:	316 st st
Mesh Material	:	316 st st
Fastener	:	316 st st
Shear force	:	2,000 N
Max Temperature	:	700 Deg C
Flange Ratings	:	ANSI / DIN / many others
Pipe Sizes	:	15mm to 1200mm
Typical Applications	:	Steam / Oil / LNG / Hydrogen

### **Delivery**

Most shield materials and sizes are available ex-stock.  
Call 01268 244369 or e-mail [sales@flangeguards.com](mailto:sales@flangeguards.com).



Revision date: 21st March 2024



LEADING MANUFACTURER AND SUPPLIER  
OF PIPE SAFETY SHIELDS

**FLANGE GUARDS.com**

Flangeguards Ltd. Unit 5 Cranes Close, Basildon, Essex SS14 3JB United Kingdom