

FLANGEGUARDS LTD

UNIT 5 CRANES CLOSE

BASILDON

ESSEX

United Kingdom SS14 3JB

Telephone: 01268244369

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Email: jharwood@flangeguards.com

Web: www.flangeguards.com

Tier: 3 - Type Approved, unit certification not required

Product: Shielding, oil from source of ignition
Model: Sureband Steel, FG-PTFE Safety Shield
Endorsements:

Intended Service:

For preventing splash of flammable fluid from flanges for Marine and Offshore Application.

Description:

Metallic and PTFE shields, externally wrapped around flanged connections acting as a spray shield / joint leak detector.

Rating:

Materials: PTFE, 316 Steel

PTFE Shield diameters: 1/4" - 24"

PTFE Shield pressure rating: DIN PN6- PN64

PTFE Shield max. temperature: 232 Degrees Celsius

316 Steel Shield diameters: 1/2" - 24"

316 Steel Shield pressure rating: DIN PN6 - PN100

316 Steel Shield max. temperature: 500 Degrees Celsius

Service Restriction:

1. To be used only in readily accessible locations for maintenance and inspection.
2. This product is not intended to be used for pipes insulation or as a replacement or substitute for pipe gaskets and sealings.
3. Unit Certification is not required for this product.
4. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments:

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. The installation is to be in accordance with the Manufacturer's instructions and to the satisfaction of the attending Surveyor.

Notes/Drawing/Documentation:

1. Flangeguard Data sheet – 316 st/st flange guard
2. Flangeguard Data sheet – PTFE flange guard
3. PTFE Data sheet from Fothergill Coated Fabrics, issue no:2 dated Oct 2015.
4. Flangeguard pressure test report for 316 Stainless Steel Shield.
5. Flangeguard pressure test report for PTFE Safety shield.

Terms of Validity:

This Product Design Assessment (PDA) Certificate remains valid until 07/Nov/2027 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

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This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

STANDARDS

ABS Rules:

2022 Rules for Building and Classing Marine Vessel Rules: 1-1-A3, 1-1-A4, 1-1-4/7.7, 4-6-4/13.3.3, 4-6-4/15.1.5, 4-6-5/3.3.6.

2022 Rules for Building and Classing Mobile Offshore Unit Rules: 1-1-4/9.7, 1-1-A2, 1-1-A3, 4-2-3/3.3.3, 4-2-5/7.9.

National:

NA

International:

SOLAS Consolidated Edition 2020, Chapter II-2, Part B, Regulation 4/2.2.5.3.

Government:

NA

EUMED:

NA

OTHERS:

NA