

VIGILEX ARC-VENT®

EXPLOSION VENT PANELS
ARC-FLASH PROTECTIONS



VIGILEX ARC-VENT®

Arc-flash protections



APPLICATIONS

The new **VIGILEX ARC VENT** is designed for installation in external walls of electrical switch rooms and in **BESS (Battery Energy Storage Systems)** to relieve overpressure caused by explosions due to arc flash.

These safety elements are certified and tested to open at the required pressure. They are generally installed on the roof of BESS containers to safely direct the explosion upwards and thus protect property and people. The Arc-flash vent protection panels are **IP65** and **Atex EN 14491** certified.



VIGILEX ARC-VENT® RANGE

IP65 Ex CE

VIGILEX ARC-VENT®

STANDARD CHARACTERISTICS

- Designed single flat SST 304L
- Full frame EPDM gasket
- Arc Flange included gasket, no water retention and vibration resistant system

VIGILEX ARC-VENT-INS⁺

STANDARD CHARACTERISTICS

- Designed single flat SST 304L
- Full frame EPDM gasket
- WI insulation protection (above position)

VIGILEX ARC-VENT-INS⁻

STANDARD CHARACTERISTICS

- Designed single flat SST 304L
- Full frame EPDM gasket
- Arc Flange includes gasket, no water retention and vibration resistant system
- WI insulation protection (below position)



DIMENSIONS

All dimensions of VL flat and VD domed vent panels available (visit : www.vigilex.eu)

OPTIONS

- Vent panel and flanges in SST 316L
- Fully frame white silicone FDA and 1935/2004 CE gasket

CERTIFICATIONS

Ex II GD

EN14 491

EN14 994

EN14 797

EN1127.1

EU Certificate: INERIS 15ATEX0001X

Production quality assurance notification:
INERIS 08ATEXQ406

IP65

Ex

EAC

NFPA

TECHNICAL INFORMATION

STIF MODEL	Pstat @ 22 °C	EFFICIENCY RATIO	MAX VACUUM
ARC-VENT	20 to 500 mbar (±15%)	80 % -100 %	-50mbar to -200mbar
ARC-VENT-INS ⁻	20 to 500 mbar (±15%)	80 % -100 %	-50mbar to -200mbar
ARC-VENT-INS ⁺	20 to 500 mbar (±15%)	80 % -100 %	-50mbar to -200mbar

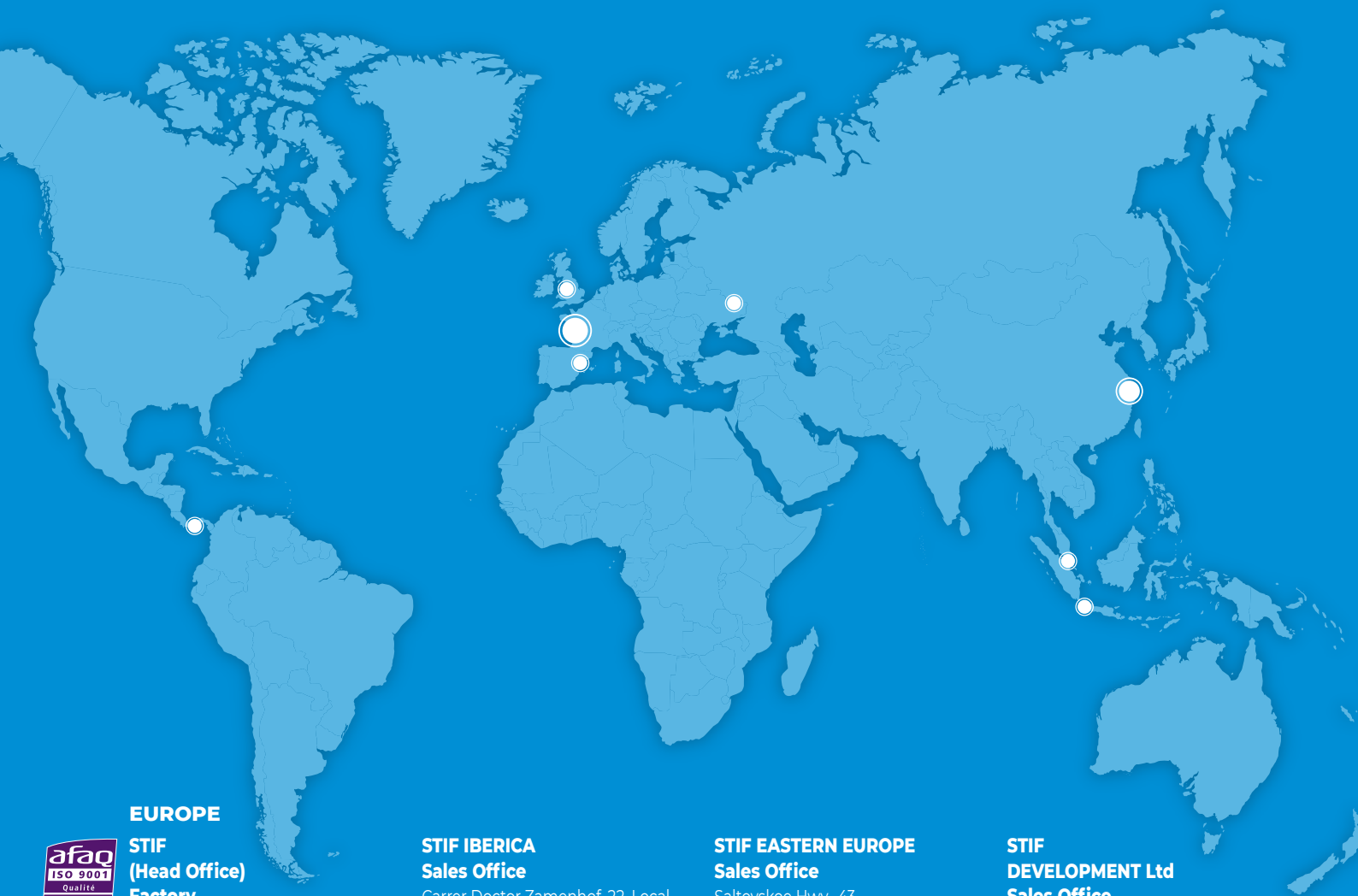
VIGILEX®

SAFETY PROTECTION

By **STIF**

VIGILEX ARC-VENT®

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