



Herding **FLAMELESS**

Ex



EXPLOSION PROTECTION

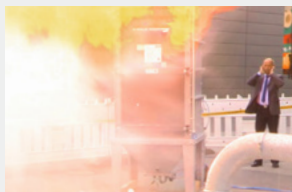
CLEAN-GAS SIDE, FLAMELESS PRESSURE RELIEF

With Herding® FLAMELESS, the raw-gas side explosion is completely relieved by the filter elements on the clean-gas side. The filter elements and the secured installation sustainably stop the flame. With the Herding® FLAMESTOP protection system, only the reduced pressure is relieved via the rupture disc installed on the clean gas side.

There is no flame flashover to the clean-gas side and no smoke emission during explosion venting. The clean gas concentration of the filtration is not affected during relief by the filter elements. The effect of the flame barrier remains unaffected by the explosion-related temperature impact. With recurring inspections, the protection system is maintained in the long term in accordance with ATEX.

The area of application is clean gas-side, flameless explosion pressure relief for organic dusts with tested installation in filter systems of the Herding FLEX series.

Explosion pressure relief
with pressure and flame
(rupture disc)

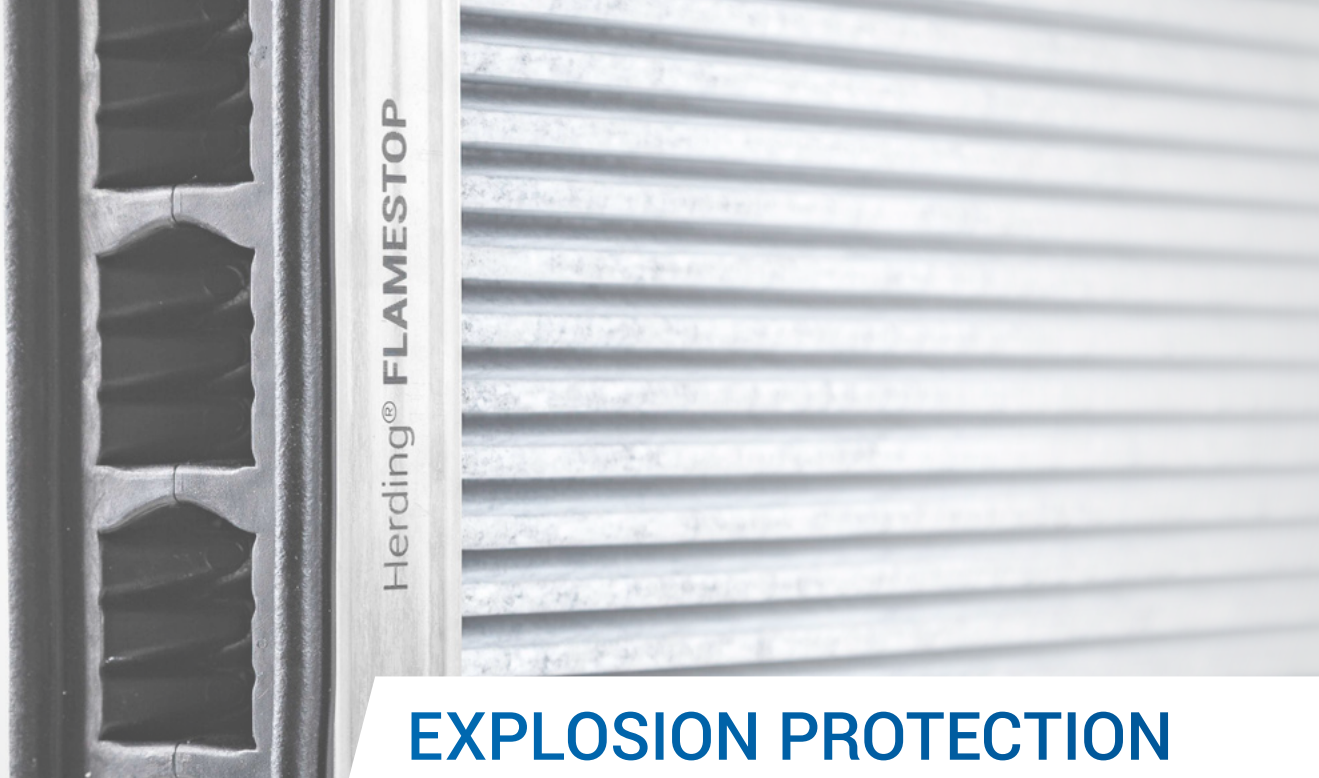


Explosion pressure relief
flameless with smoke
emission (flameless
relief)



Explosion pressure relief
flameless and smoke-free
with Herding®
FLAMELESS





EXPLOSION PROTECTION

HERDING FLAMESTOP PROTECTION SYSTEM

- Proven properties of the Sinter-Plate Filter
- Herding® FLAMESTOP is the proven and certified flame barrier according to ISO 16852
- The flame barrier property of the Herding® Sinter-Plate Filters is unique in filter technology
- Verified in over 200 dust and gas explosion tests
- Recognition as protection system according to ATEX with EU type examination certificate (module B) and quality assurance in production (module D)

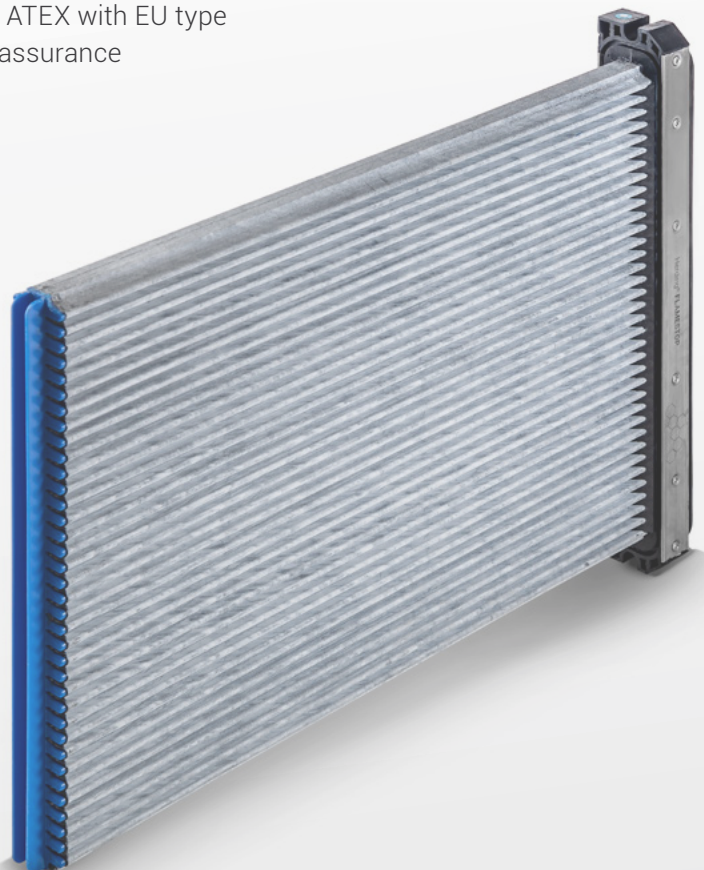
HERDING FLAMELESS

FLAMELESS
PRESSURE RELIEF

PROTECTION SYSTEM
ACCORDING TO ATEX

APPROVED
FLAME BARRIER

SMOKE-FREE
RELIEF





CONTACT

Please feel free to contact us! You can fill in the form and send it to us by e-mail.

Company

First name

Family name

Phone

E-Mail

Branch

Application

Comments

Herding® is a registered trademark // V1.0

Herding GmbH Filtertechnik
August-Borsig-Str. 3
92224 Amberg / Germany

Tel.: +49 9621 630-0
Mail: info@herding.de
www.herding.com

FOLLOW US ON

