

# PROTEGO® High Pressure Flame Arrester

## Deflagration Flame Arrester PROTEGO® FA-I-FC



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### Challenge

Gas pipe lines are operated under high pressure up to 80 bar. In emergency situations the pipelines have to be de-pressurized immediately. Usually, the gas is being vented into atmosphere through an emergency vent pipe. A flame arrester must be installed at that point to prevent flashback into the pipeline. These flame arresters must withstand extreme parameters and must be designed to vent millions of cubic meters of gas within a short period of time. Since those incidents happen at very remote places, a reliable product is of utmost importance. PROTEGO® has developed this kind of flame arrester which is in use in several pipelines around the world.

### Solution

Choose the Deflagration Flame Arrester PROTEGO® FA-I-FC. This device is specifically designed for use in pressure relief openings of pipelines and therefore prevents the transmission of flames with natural gas/air-mixtures.

### Design Parameters

- design pressure 80barg
- max differential pressure 80bar
- deflagration proof for atmospheric conditions
- ATEX approved (DN 400 / 16")
- bigger sizes upon request

Feel free to contact us with any questions!  
Our PROTEGO® team is happy to consult you!

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