

Vapor & Flame Control Equipment

LIST OF PRODUCTS

PRESSURE / VACUUM RELIEF VENTS

- Pressure / Vacuum Relief Vents for “Normal” Venting”
- Relief Vents for “Emergency Venting”

FLAME AND DETONATION ARRESTERS

- Deflagration Flame Arresters for protection against “Low Speed” deflagrations
- Detonation Flame Arresters for protection against “Low Speed” and “High Speed” deflagrations
- Overdriven Detonations
- Stable Detonations

TANK BLANKETING VALVES

- For blanketing the tank vapor space with an inert gas

MISCELLANEOUS TANK DEVICES

- Gauge Hatches
- Internal Safety Valves
- Air Dryers
- Overflow Valves
- Water Draw-Off Valves



PROTECTO SEAL

Breather Vents



End-of-Line Conservation Pressure Vent-8540

Vent provides both pressure and vacuum relief to maintain tank's vapor space within safe operating parameters.

Vent settings minimize loss of product. Under pressure venting conditions, tank vapors are expelled to atmosphere. Pallets in the vent housing allow intake of air and outflow of vapors as the tank normally breathes in and out.



End-of-Line Vacuum Relief Vent-6240

Vent provides vacuum relief to maintain tank's vapor space within safe operating parameters. Vent settings minimize vent opening. A pallet in the vent housing retards air intake as the tank normally breathes in due to atmospheric temperature changes or due to emptying the tank. The pallet opens and closes to permit only the intake relief necessary to avoid tank damage.



Pipe-Away Conservation Pressure / Vacuum Vent

Vent (18540) is designed to provide pressure and vacuum relief in applications that require hazardous vapors to be piped away, rather than released into the atmosphere. Pallets open and close to permit only that intake or outlet relief necessary to remain within permissible working pressures and avoid tank damage.



FRP Vents (Fibreglass Reinforced Plastic Vents)

FRP Vents are designed to provide pressure and / or vacuum relief in applications that control hazardous vapors that would attack conventional metallic vents or components. Through the use of carefully chosen resins, (e.g. Derakane® 470, Derakane® 411 and Furan) a wide variety of tank storage and product conservation applications are served.

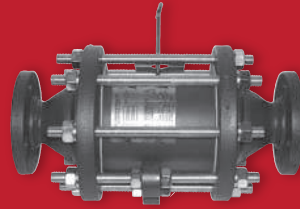
Flame Arresters - Deflagration & Detonation

Flame arresters and detonation arresters are passive, mechanical device installed on a storage tank nozzle or in a flammable vapor piping system.



End of Line Deflagration Flame Arresters 670/6670

Flame Arresters are designed to provide flame stopping protection for a tank's vapor space when mounted to the end of a tank nozzle leading directly to atmosphere. The arresters prevent a flame front generated by an unconfined deflagration occurring outside the tank from propagating into the vapor space.
Approvals: UL listing sizes 1" & 2".



Detonation Flame Arresters Series 25000E / 26000E

Detonation Arresters are specifically designed to withstand and arrest the high velocity and high pressure flame fronts that may develop in long or complex piping runs such as those encountered in vapor recovery or manifolded tank systems.
Approvals: Factory Mutual (FM), Underwriters Laboratories (UL, ULC) & (USCG).



Bi-Directional, In-Line Deflagration Flame Arresters

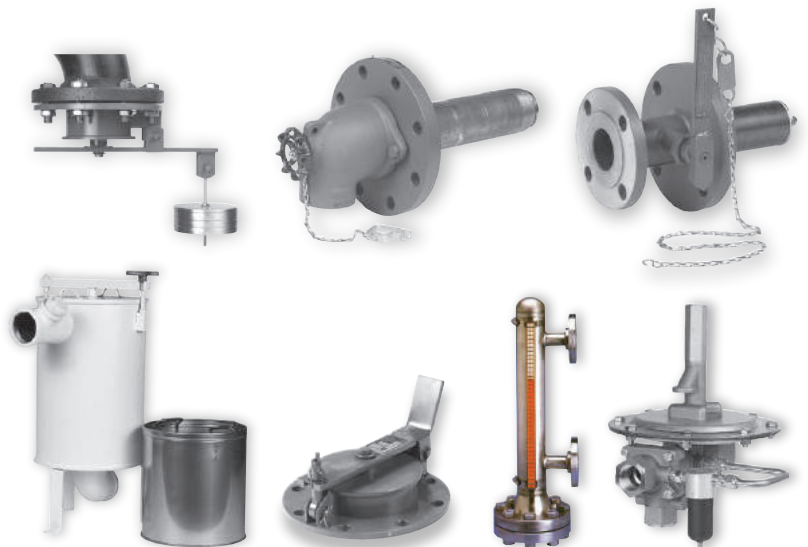
The Protectoseal Series 45000E / 46000E In-Line Deflagration Flame Arresters are designed to withstand low, medium and high pressure deflagrations (subsonic). These arresters are bi-directional and capable of stopping a flame approaching from either direction in a piping system.
Approved according to the latest ATEX Directive, ISO 16852.

Blanketing Valves & Specialty Tank Fittings

Miscellaneous equipment required for the safe and efficient operation of storage tanks and related processing facilities.

Products include:

- Tank Blanketing Valves
- Liquid Level Indicators
- Air Dryers
- Gauge Hatches
- Internal Safety Valves
- Overflow Valves
- Water Drain Valves



We undertake Supply of protectoseal products as per the requirement.

For Inquires Please Contact:

+971 2 447 4288

Info@skps.com



www.skps.com