

## Data Sheet for PROTEGO® Valves and Flame Arresters

### Project-Data

Quotation-No.	Order-No.
Project-No.	Project Reference
Valve/Flame Arrester Tag No..	Tank/Vessel-No..

### Storage Tank / Vessel

<input type="checkbox"/> aboveground	diameter	m/ft	design pressure	mbarg / inch W.C.g	
<input type="checkbox"/> underground	height	m/ft	design vacuum	mbarg / inch W.C.g	
<input type="checkbox"/> insulated	wall height	m/ft	pumping-in-rate	m³/h cu ft/min	
ins. thickness	mm / inch	Blanketing level	m/ft	pumping-out-rate	m³/h cu ft/min
<input type="checkbox"/> inert gas	inert gas	blanketing level		tank design standard:	

### Stored Product

### Offgas/Vapour-Composition

Components			Flashpoint °C / °F	CAS	MESG mm / inch	Ex.-Group
Name	Formula	Vol. %				

### Process Plant

design temperature	°C/°F	design pressure	bar/psi		
operating temperature	°C/°F	operating pressure	bar/psi	back pressure	mbar / inch W.C.

### Installation

<input type="checkbox"/> in-line	<input type="checkbox"/> horizontal	distance to source of ignition	m/ft
<input type="checkbox"/> end-of-line	<input type="checkbox"/> vertical		

### Function

<input type="checkbox"/> pressure	<input type="checkbox"/> endurance burning proof	<input type="checkbox"/> temperature monitored one side
<input type="checkbox"/> vacuum	<input type="checkbox"/> short-time burning proof	<input type="checkbox"/> temperature monitored both side
<input type="checkbox"/> pressure / vacuum combined	<input type="checkbox"/> deflagration proof	<input type="checkbox"/> pressure monitored
	<input type="checkbox"/> detonation proof	<input type="checkbox"/> bidirectional flame arrester

### Valve and Flame Arrester Data

size nominal DN	flow $\dot{V}$	m³/h cu ft/min	density	kg/m³ lb/cu ft	
pressure nominal PN	inlet flange	DN	PN	form	
set pressure	mbarg / inch W.C.g.	outlet flange	DN	PN	form
set vacuum	mbarg / inch W.C.g.	pressure drop $\Delta p$		mbar/lh W.C.	

### Material

pressure carrying parts	internals	lining

### Inspection/Documentation

material certificate	works certificate	performance certificate

### Piping Flow Diagram (excerpt) / Additional Remarks / Miscellaneous → refer to separate sheet

[ ] Fill in ,  tick off, if applicable, delete unit, if not applicable

Signed:

Date:

Approved :

Released:



For safety and environment