



The flame arresters are passive devices that prevent the propagation of flame from the exposed side of a pipe to the protected side by the use of a wound crimped metal ribbon type flame cell element. This construction produces a series of uniform openings that are carefully constructed to quench the flame by absorbing the heat of the flame.

This provides an extinguishing barrier to the ignited vapor mixture. In the choice of the flame arrester must be taken into account the gas group according to the MESH of the treated gas mixture. The series 422.2 is a family of IN-LINE deflagration flame arresters EN.16852, certified according to Atex, and PED for gas group IIA, IIB and IIC.

They are manufactured by a complete range of materials and in a complete range of size.

POS	DESCRIPTION	MATERIALS			
1	Body	C.S.	SS304L	SS316L	C.S.
2	Housing	SS316L	SS304L	SS316L	C.S.
3	Elements	SS316L	SS316L	SS316L	SS316L
4	Gasket	A.F.F.	S.S./PTFE	S.S./PTFE E	A.F.F.
5	Bolts	B7/2H	B8-8	B8M-8M	B7/2H
6	Label	SS304	SS304	SS304	SS304
Product codes with ANSI flanges		422.2.x x.101	422.2.xx.103	422.2.xx. 105	422.2.xx. 109

Design codes	EN.16852, ASME VIII, IX
Design pressure	10 Barg
Design temperature	-10/+250°C for C.S., -120/+250°C for S.S.
Max operating temperature	60°C
MESG	IIA
ATEX certificate	Ex G-IIA
Ped certificate	CE1370
Factory tested	Dimensional, hydrotest at 19.38 Barg
Sizes	From 1" to 12"
Connections	Flanged ANSI 150# RF
External protection	00-GA-E-60701

Size (mm)	A	B	H	Weight (KG)
1"	200	200	250	15
2"	230	230	333	27
3"	280	280	422	43
4"	345	345	440	80
5"	407	407	500	100
6"	483	483	580	135
8"	597	597	897	220
10"	699	699	1211	250
12"	813	813	1233	360