

Inline Spark Trap

Complementary fire prevention for a dust collection system



Incoming sparks extinguished, seen with viewing spoons on the Spark Trap

Installed in ducting as part of a dust collection system, the Inline Spark Trap greatly reduces the possibility of fire in cyclones / collectors by decreasing the number of sparks which could reach the cyclone or collector through the ductwork.

The spark trap's effectiveness is based on a simple principle - disrupting the laminar airflow to cause sparks to cool and extinguish before they can enter a cyclone / collector. There are no moving parts and no power is required for operation.

QuickFit (QF) clamptogether ducting eliminates rivets, screws, and welding, significantly reducing the time required to install or replace ducting. The Inline Spark Trap can quickly and easily be mounted into QuickFit ducting systems, or other duct systems with use of an adapter, and the trap can easily be removed for cleanout. Calibration or other assistance from a factory technician is not required.

It must be mounted in a horizontal position.

The duct distance recommended: At least ten diameters from cyclone / collector

Velocity: 8 m/s - 25 m/s

The Inline Spark Trap is not a replacement for spark detection or explosion isolation systems. It is a complementary device only.

- Simple, economical fire protection
- Quick, easy installation and cleanout

Product name	Inline Spark Trap
Suitable markets (Nordfab)	Europe (non UK), UK, Thailand (Asia), Japan, Australia
Include in Tech Data Sheet	True
Material	Galv
End Type A	QF

Inline Spark Trap

Name in ERP	Legacy Item No.	Material Thickness	Diameter A	Length	Width	Weight	Model
Spark Trap InLine Galv 0,7mm 100QF	55010100	0,7mm	100	466	180	2,80	8210001264
Spark Trap InLine Galv 0,7mm 125QF	55010125	0,7mm	125	504	224	3,20	8210001265
Spark Trap InLine Galv 0,7mm 160QF	55010160	0,7mm	160	616	315	3,70	8210001266
Spark Trap InLine Galv 0,7mm 200QF	55010200	0,7mm	200	606	350	5,00	8210001267
Spark Trap InLine Galv 0,7mm 250QF	55010250	0,7mm	250	606	400	5,90	8210001268
Spark Trap InLine Galv 0,7mm 315QF	55010315	0,7mm	315	676	500	6,80	8210001269
Spark Trap InLine Galv 0,7mm 400QF	55010400	0,7mm	400	766	630	7,30	8210001270
Spark Trap InLine Galv 0,9mm 450QF	55010450	0,9mm	450	826	710	15,00	8210001271
Spark Trap InLine Galv 0,9mm 500QF	55010500	0,9mm	500	926	810	21,00	8210001272
Spark Trap InLine Galv 0,9mm 560QF	55010560	0,9mm	560	1026	920	26,00	8210001273
Spark Trap InLine Galv 0,9mm 630QF	55010630	0,9mm	630	1086	1020	33,00	8210001274
Spark Trap InLine Galv 0,9mm 710QF	55010710	0,9mm	710	1186	1150	39,00	8210001275