

TECHNICAL DATA SHEET: INLINE SPARK TRAP

Ø mm	L mm	W mm	Weight kg	Pressure drop at 15 m/s. 212 Pa
100	466	180	2,8	212
125	504	224	3,2	212
160	546	280	3,7	224
200	606	350	5,0	274
250	606	400	5,9	299
315	676	500	6,8	336
400	766	630	7,3	361
450	826	710	15,0	299
500	926	810	21,0	311
560*	1026	920	26,0	300
630*	1086	1020	33,0	315
710*	1186	1150	39,0	320

Spark Traps are sold only as a complete unit. For diameters 100 mm to 400 mm, this includes two sections and a clip attaching the sections. Diameter of both ends must be the same measurement (i.e. if diameter of airflow side is 100 mm, diameter of downstream side must also be 100 mm). For diameters 450 mm to 710 mm, there are two sections attached via standing seam.

IMPORTANT: Spark Trap must be mounted in a horizontal position.

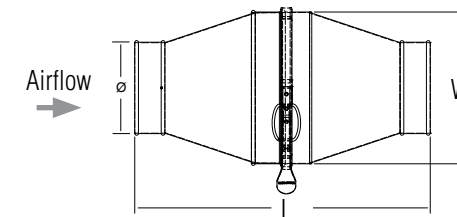
The Nordfab Inline Spark Trap is a simple, low cost tool that can reduce incidents of fire events, reducing costs and disruption and improving safety. System redundancy and complementary measures should be applied. It is not a primary safety device and does not replace spark detection or explosion isolation devices.

Dust distance recommended

At least ten diameters from cyclone / collector.

Airflow velocity

7,62 m/s - 25,4 m/s.



Construction:

Collars: Collars have a plasma welded longitudinal seam.

Ends: Standard QF end can be changed to Raw ID (I/D), Raw OD (O/D), Hose Adapter (FX), Flat Bar Flange (FL), or 6 mm turned out edge (FB).

Additional Notes

At temperatures ranging between 200° C and 250° C, the zinc-iron alloy layers in galvanised steel will continue to provide a high level of protection from corrosion. However, there may be some peeling, changes in mechanical properties, and reduction in the corrosion protection. Recommended max. service temperature is +80° C.

* Ø560, Ø630, and Ø710 not available in FB systems.

Nordfab's Inline Spark Trap is not a replacement product for spark detection or spark extinguishing systems.

Compliance / Rating of Product Components

Product	Material	Compliance / Rating
Spark Trap	Galvanised	DX51D with Z275 Coating
Joka Seal Metal Sealant 2315	Aceton Blend	AAMA Specification 801.1

Temperature Rating of Product Components

	Spark Trap	Sealant
220°C	Galvanised Steel	Joka Seal Metal Sealant 2315
121°C		
-20°C		

